



## Appendix A1: Emission Bandwidth

### Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.560	5170.320	5189.880	---	PASS
		5200	19.160	5190.520	5209.680	---	PASS
		5240	19.520	5230.200	5249.720	---	PASS
		5260	19.480	5250.360	5269.840	---	PASS
		5280	19.280	5270.400	5289.680	---	PASS
		5320	19.680	5310.320	5330.000	---	PASS
		5500	19.440	5490.320	5509.760	---	PASS
		5580	19.360	5570.400	5589.760	---	PASS
		5700	19.520	5690.240	5709.760	---	PASS
		5745	19.440	5735.400	5754.840	---	PASS
		5785	19.640	5775.080	5794.720	---	PASS
5825	19.440	5815.320	5834.760	---	PASS		
11N20SISO	Ant1	5180	20.080	5170.120	5190.200	---	PASS
		5200	20.200	5189.920	5210.120	---	PASS
		5240	20.120	5230.000	5250.120	---	PASS
		5260	19.960	5250.000	5269.960	---	PASS
		5280	20.360	5269.840	5290.200	---	PASS
		5320	19.880	5310.120	5330.000	---	PASS
		5500	20.000	5490.040	5510.040	---	PASS
		5580	20.120	5570.040	5590.160	---	PASS
		5700	20.160	5689.920	5710.080	---	PASS
		5745	20.080	5735.040	5755.120	---	PASS
		5785	20.040	5775.120	5795.160	---	PASS
5825	20.000	5815.040	5835.040	---	PASS		
11N40SISO	Ant1	5190	39.200	5170.480	5209.680	---	PASS
		5230	39.040	5210.640	5249.680	---	PASS
		5270	39.200	5250.560	5289.760	---	PASS
		5310	38.960	5290.720	5329.680	---	PASS
		5510	39.120	5490.560	5529.680	---	PASS
		5550	39.040	5530.560	5569.600	---	PASS
		5670	39.280	5650.480	5689.760	---	PASS
		5755	39.200	5735.480	5774.680	---	PASS



		5795	39.200	5775.480	5814.680	---	PASS
11AC20SISO	Ant1	5180	20.280	5170.040	5190.320	---	PASS
		5200	19.960	5190.000	5209.960	---	PASS
		5240	20.120	5230.000	5250.120	---	PASS
		5260	20.000	5250.120	5270.120	---	PASS
		5280	20.120	5270.040	5290.160	---	PASS
		5320	20.120	5309.960	5330.080	---	PASS
		5500	19.960	5490.120	5510.080	---	PASS
		5580	19.880	5570.120	5590.000	---	PASS
		5700	20.040	5690.000	5710.040	---	PASS
		5745	20.080	5735.000	5755.080	---	PASS
		5785	19.920	5775.120	5795.040	---	PASS
		5825	20.000	5815.120	5835.120	---	PASS
		11AC40SISO	Ant1	5190	38.960	5170.560	5209.520
5230	39.120			5210.560	5249.680	---	PASS
5270	39.280			5250.560	5289.840	---	PASS
5310	39.200			5290.400	5329.600	---	PASS
5510	39.200			5490.480	5529.680	---	PASS
5550	39.360			5530.400	5569.760	---	PASS
5670	39.360			5650.320	5689.680	---	PASS
5755	38.800			5735.720	5774.520	---	PASS
5795	39.120			5775.560	5814.680	---	PASS
11AC80SISO	Ant1	5210	80.160	5170.320	5250.480	---	PASS
		5290	80.160	5250.160	5330.320	---	PASS
		5530	80.320	5490.000	5570.320	---	PASS
		5610	80.320	5570.000	5650.320	---	PASS
		5775	80.640	5734.680	5815.320	---	PASS



### Test Graphs

11A\_Ant1\_5180



11A\_Ant1\_5200



11A\_Ant1\_5240



11A\_Ant1\_5260



11A\_Ant1\_5280



11A\_Ant1\_5320



11A\_Ant1\_5500



11A\_Ant1\_5580



11A\_Ant1\_5700



11A\_Ant1\_5745



11A\_Ant1\_5785



11A\_Ant1\_5825



11N20SISO\_Ant1\_5180





11N20SISO\_Ant1\_5200



11N20SISO\_Ant1\_5240



11N20SISO\_Ant1\_5260



11N20SISO\_Ant1\_5280



11N20SISO\_Ant1\_5320



11N20SISO\_Ant1\_5500



11N20SISO\_Ant1\_5580



11N20SISO\_Ant1\_5700



11N20SISO\_Ant1\_5745



11N20SISO\_Ant1\_5785



11N20SISO\_Ant1\_5825



11N40SISO\_Ant1\_5190



11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5270



11N40SISO\_Ant1\_5310



11N40SISO\_Ant1\_5510





11N40SISO\_Ant1\_5550



11N40SISO\_Ant1\_5670



11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5180



11AC20SISO\_Ant1\_5200



11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5260



11AC20SISO\_Ant1\_5280



11AC20SISO\_Ant1\_5320



11AC20SISO\_Ant1\_5500



11AC20SISO\_Ant1\_5580



11AC20SISO\_Ant1\_5700



11AC20SISO\_Ant1\_5745



11AC20SISO\_Ant1\_5785



11AC20SISO\_Ant1\_5825





11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant1\_5230



11AC40SISO\_Ant1\_5270



11AC40SISO\_Ant1\_5310



11AC40SISO\_Ant1\_5510



11AC40SISO\_Ant1\_5550



11AC40SISO\_Ant1\_5670



11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5210



11AC80SISO\_Ant1\_5290



11AC80SISO\_Ant1\_5530



11AC80SISO\_Ant1\_5610



11AC80SISO\_Ant1\_5775







## Appendix A2: Min emission bandwidth

### Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.440	5736.800	5753.240	0.5	PASS
		5785	16.440	5776.800	5793.240	0.5	PASS
		5825	16.440	5816.800	5833.240	0.5	PASS
11N20SISO	Ant1	5745	17.680	5736.160	5753.840	0.5	PASS
		5785	17.680	5776.160	5793.840	0.5	PASS
		5825	17.720	5816.160	5833.880	0.5	PASS
11N40SISO	Ant1	5755	35.680	5737.160	5772.840	0.5	PASS
		5795	35.760	5777.160	5812.920	0.5	PASS
11AC20SISO	Ant1	5745	17.640	5736.200	5753.840	0.5	PASS
		5785	17.720	5776.160	5793.880	0.5	PASS
		5825	17.720	5816.160	5833.880	0.5	PASS
11AC40SISO	Ant1	5755	35.760	5737.080	5772.840	0.5	PASS
		5795	35.840	5777.000	5812.840	0.5	PASS
11AC80SISO	Ant1	5775	75.520	5737.240	5812.760	0.5	PASS



### Test Graphs

11A\_Ant1\_5745



11A\_Ant1\_5785



11A\_Ant1\_5825



11N20SISO\_Ant1\_5745



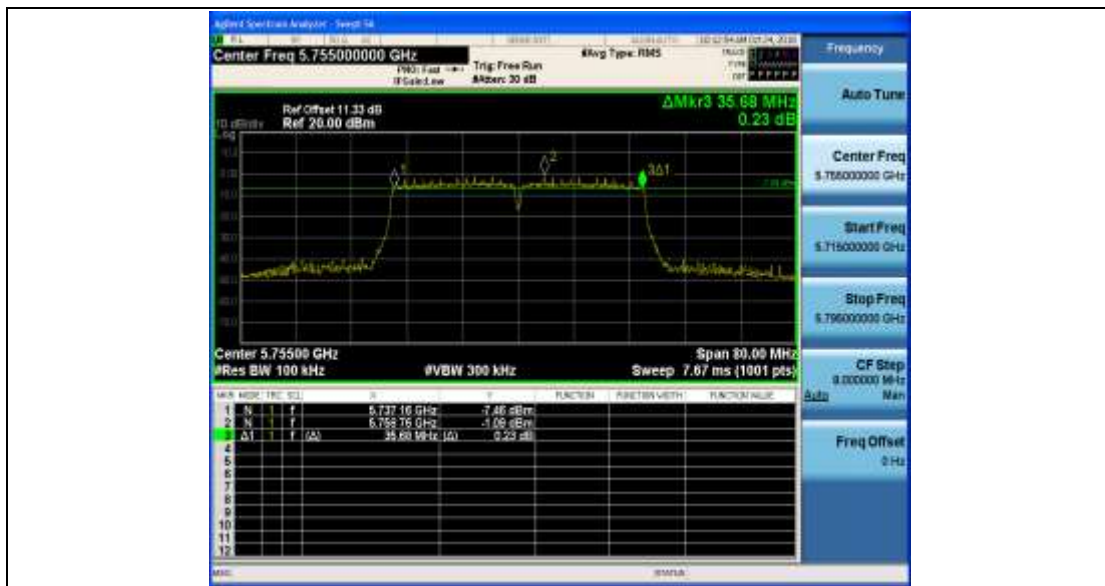
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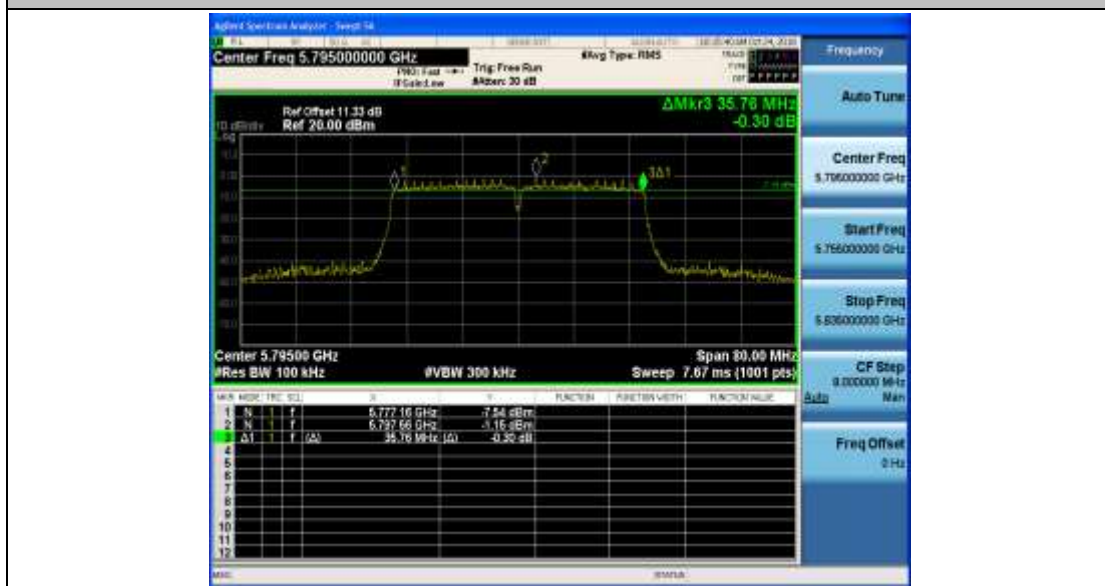
11N20SISO\_Ant1\_5825



11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5745



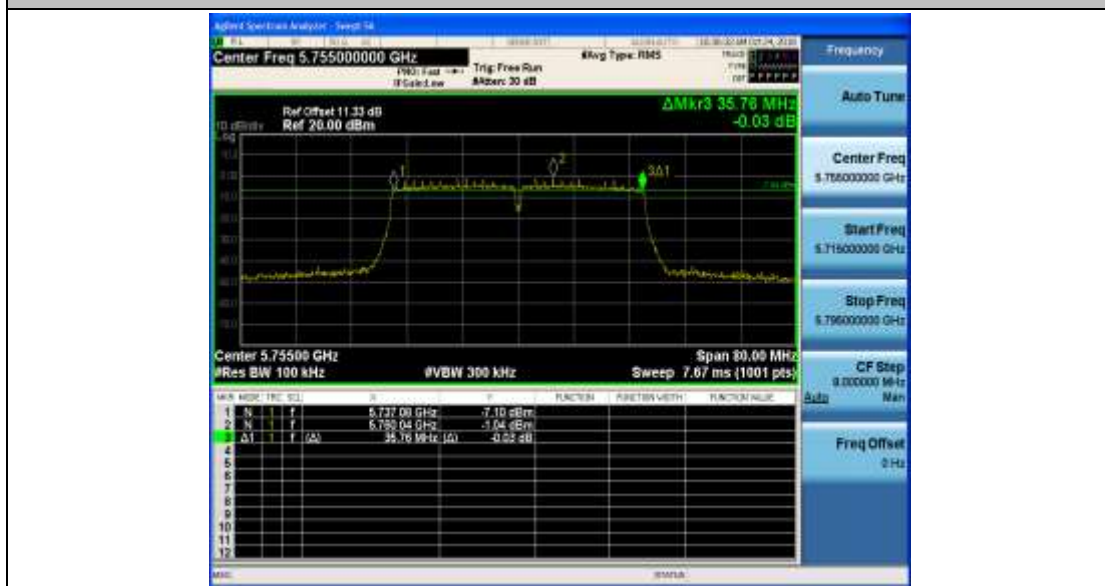
11AC20SISO\_Ant1\_5785



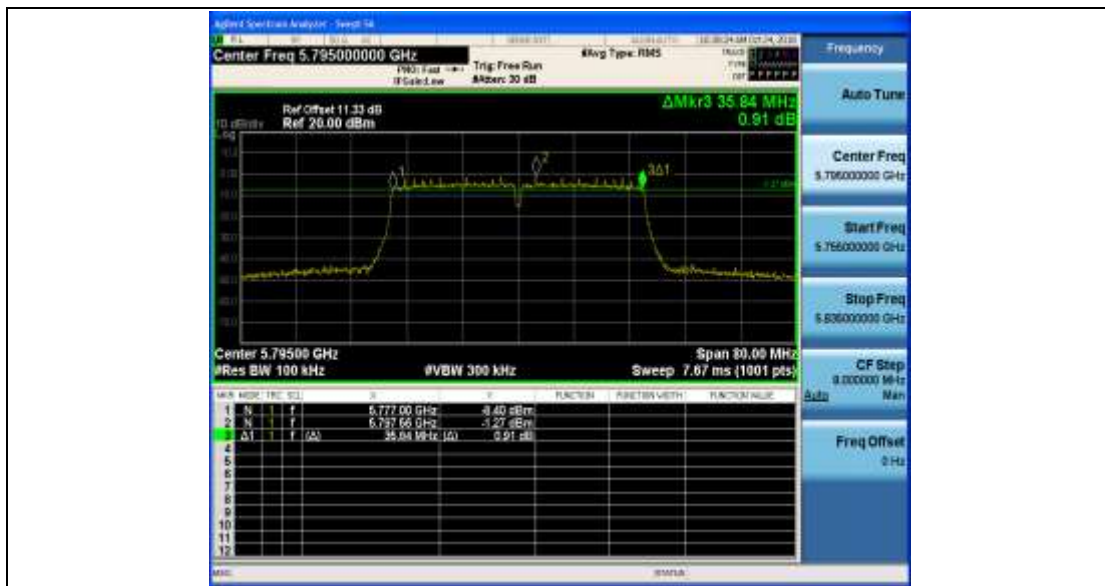
11AC20SISO\_Ant1\_5825



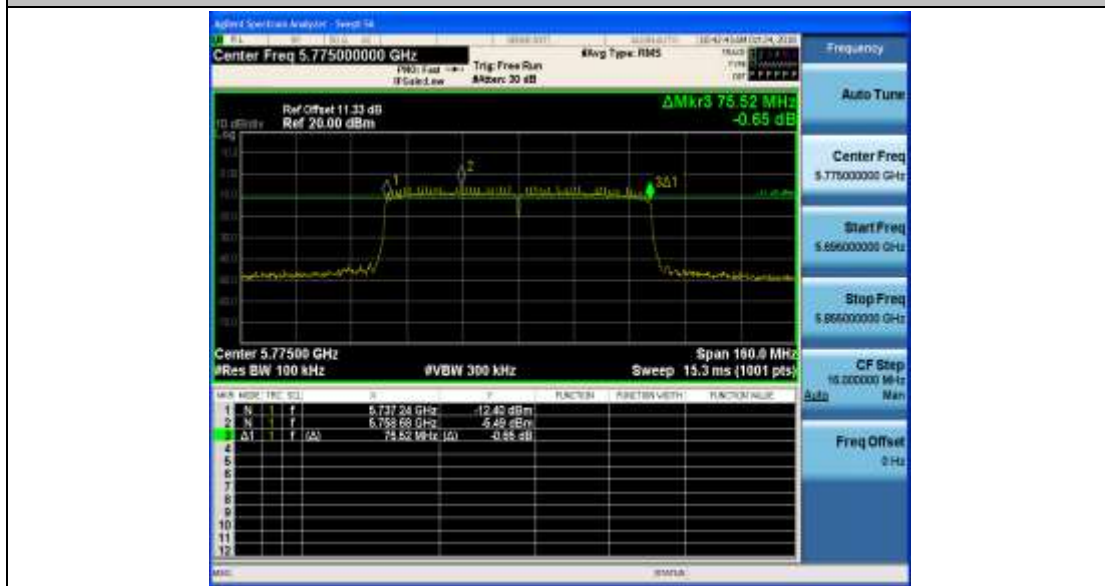
11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5775







## Appendix B: Occupied channel bandwidth

### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.938	5171.591	5188.529	---	PASS
		5200	16.934	5191.585	5208.519	---	PASS
		5240	16.916	5231.604	5248.520	---	PASS
		5260	16.881	5251.593	5268.474	---	PASS
		5280	16.867	5271.607	5288.474	---	PASS
		5320	16.832	5311.632	5328.464	---	PASS
		5500	16.881	5491.611	5508.492	---	PASS
		5580	16.833	5571.636	5588.469	---	PASS
		5700	16.862	5691.627	5708.489	---	PASS
		5745	16.894	5736.585	5753.479	---	PASS
		5785	16.863	5776.636	5793.499	---	PASS
5825	16.859	5816.630	5833.489	---	PASS		
11N20SISO	Ant1	5180	17.843	5171.129	5188.972	---	PASS
		5200	17.829	5191.143	5208.972	---	PASS
		5240	17.863	5231.114	5248.977	---	PASS
		5260	17.817	5251.132	5268.949	---	PASS
		5280	17.812	5271.156	5288.968	---	PASS
		5320	17.837	5311.126	5328.963	---	PASS
		5500	17.837	5491.133	5508.970	---	PASS
		5580	17.807	5571.155	5588.962	---	PASS
		5700	17.809	5691.148	5708.957	---	PASS
		5745	17.845	5736.137	5753.982	---	PASS
		5785	17.826	5776.138	5793.964	---	PASS
5825	17.827	5816.132	5833.959	---	PASS		
11N40SISO	Ant1	5190	36.040	5172.126	5208.166	---	PASS
		5230	36.086	5212.068	5248.154	---	PASS
		5270	36.058	5252.085	5288.143	---	PASS
		5310	36.037	5292.075	5328.112	---	PASS
		5510	36.084	5492.022	5528.106	---	PASS
		5550	36.049	5532.047	5568.096	---	PASS
		5670	36.059	5652.068	5688.127	---	PASS
		5755	36.059	5737.051	5773.110	---	PASS



		5795	36.108	5777.034	5813.142	---	PASS
11AC20SISO	Ant1	5180	17.832	5171.140	5188.972	---	PASS
		5200	17.832	5191.125	5208.957	---	PASS
		5240	17.842	5231.134	5248.976	---	PASS
		5260	17.835	5251.131	5268.966	---	PASS
		5280	17.822	5271.145	5288.967	---	PASS
		5320	17.821	5311.119	5328.940	---	PASS
		5500	17.849	5491.116	5508.965	---	PASS
		5580	17.817	5571.146	5588.963	---	PASS
		5700	17.808	5691.144	5708.952	---	PASS
		5745	17.814	5736.142	5753.956	---	PASS
		5785	17.822	5776.143	5793.965	---	PASS
		5825	17.823	5816.150	5833.973	---	PASS
		11AC40SISO	Ant1	5190	35.992	5172.120	5208.112
5230	36.011			5212.113	5248.124	---	PASS
5270	36.020			5252.116	5288.136	---	PASS
5310	36.047			5292.073	5328.120	---	PASS
5510	36.041			5492.051	5528.092	---	PASS
5550	36.022			5532.088	5568.110	---	PASS
5670	36.016			5652.084	5688.100	---	PASS
5755	35.983			5737.109	5773.092	---	PASS
5795	36.057			5777.103	5813.160	---	PASS
11AC80SISO	Ant1	5210	75.001	5172.752	5247.753	---	PASS
		5290	75.018	5252.644	5327.662	---	PASS
		5530	75.089	5492.573	5567.662	---	PASS
		5610	75.003	5572.797	5647.800	---	PASS



### Test Graphs

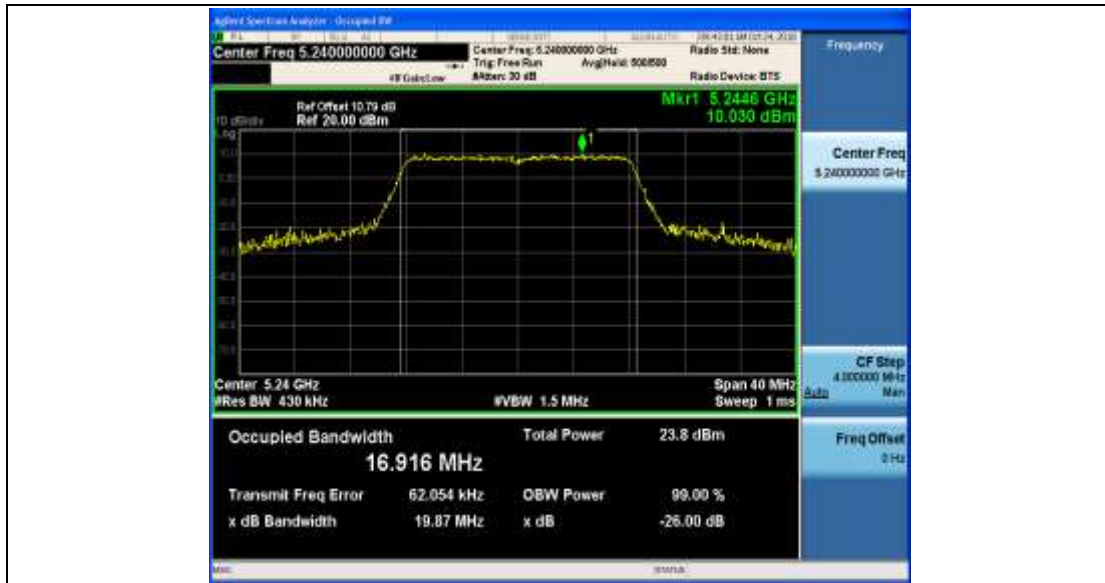
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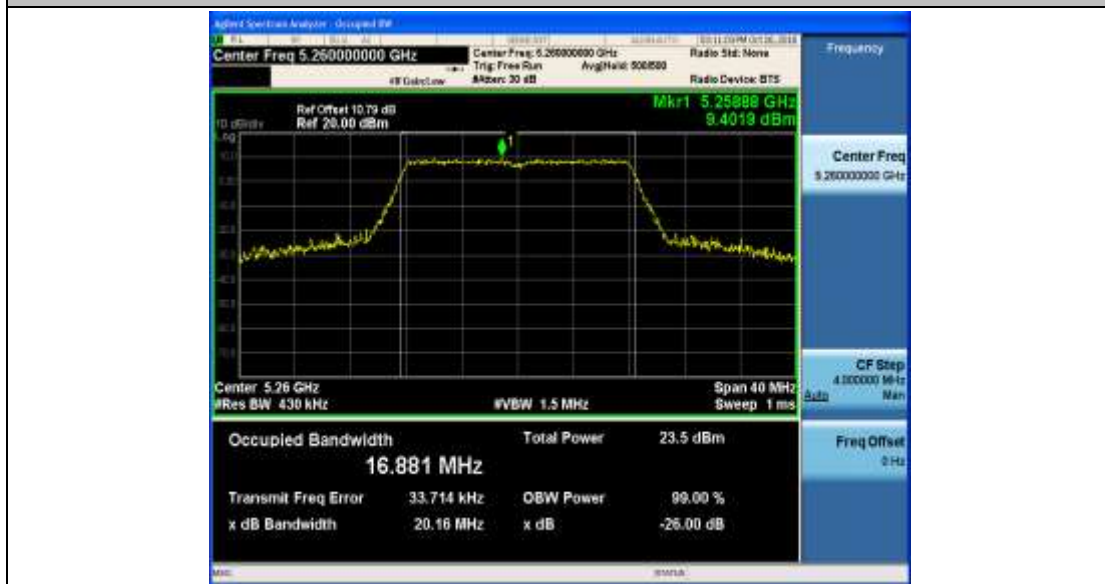
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11A\_Ant1\_5240



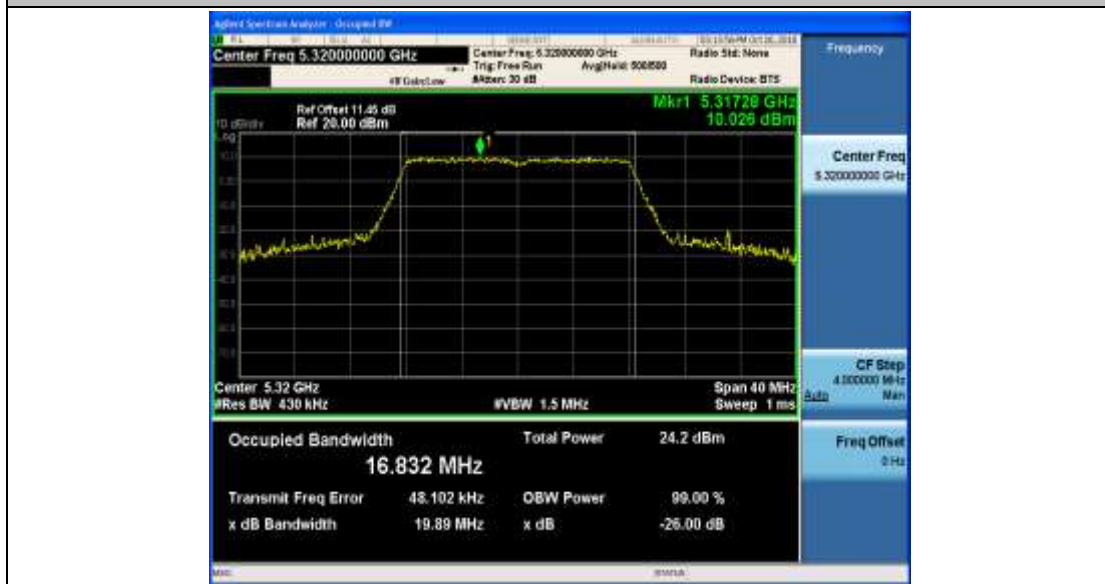
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11A\_Ant1\_5280



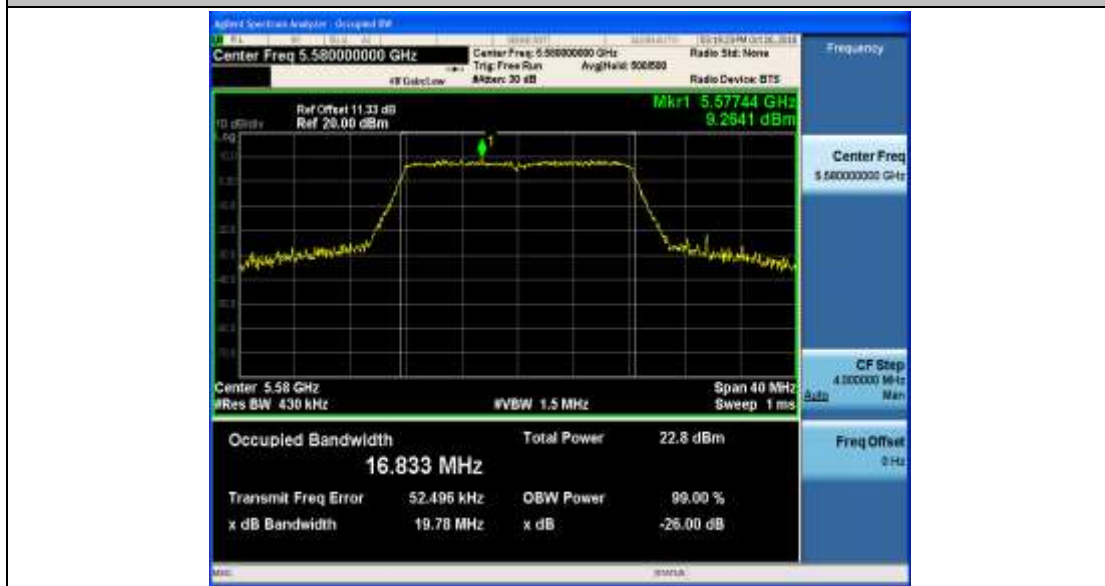
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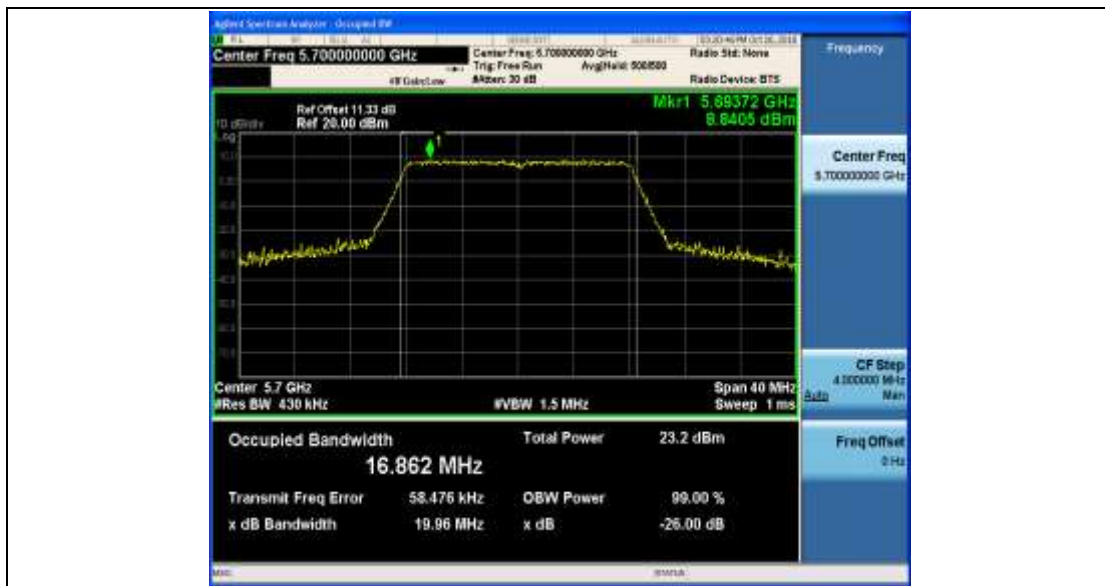
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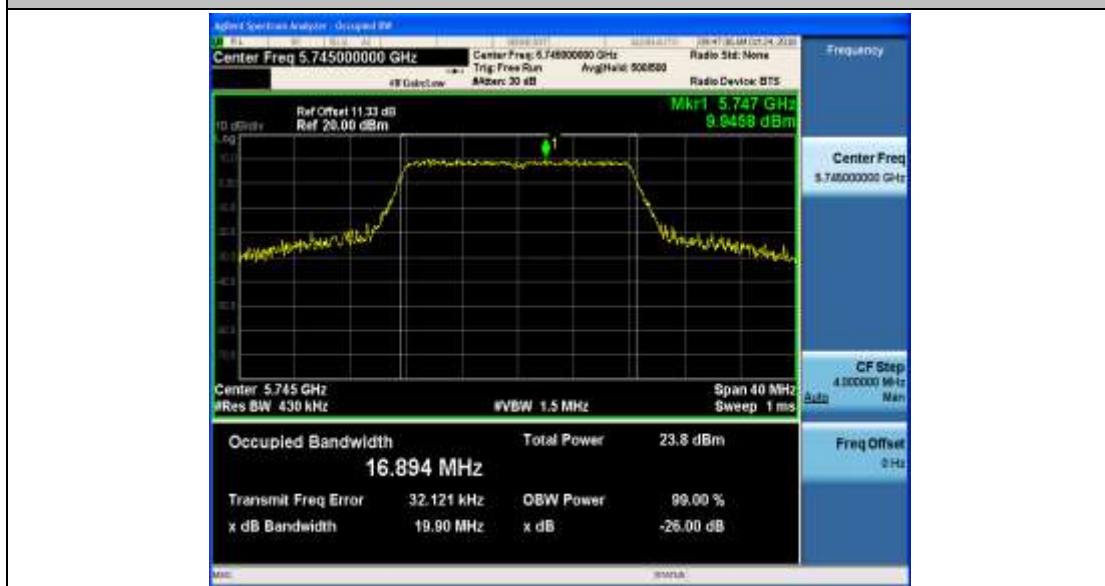
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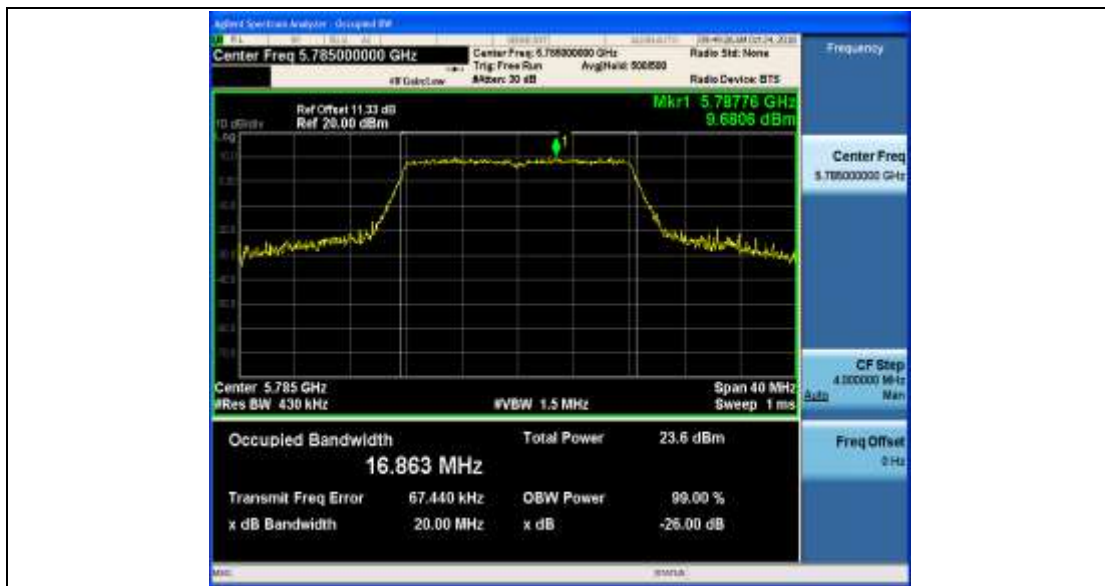
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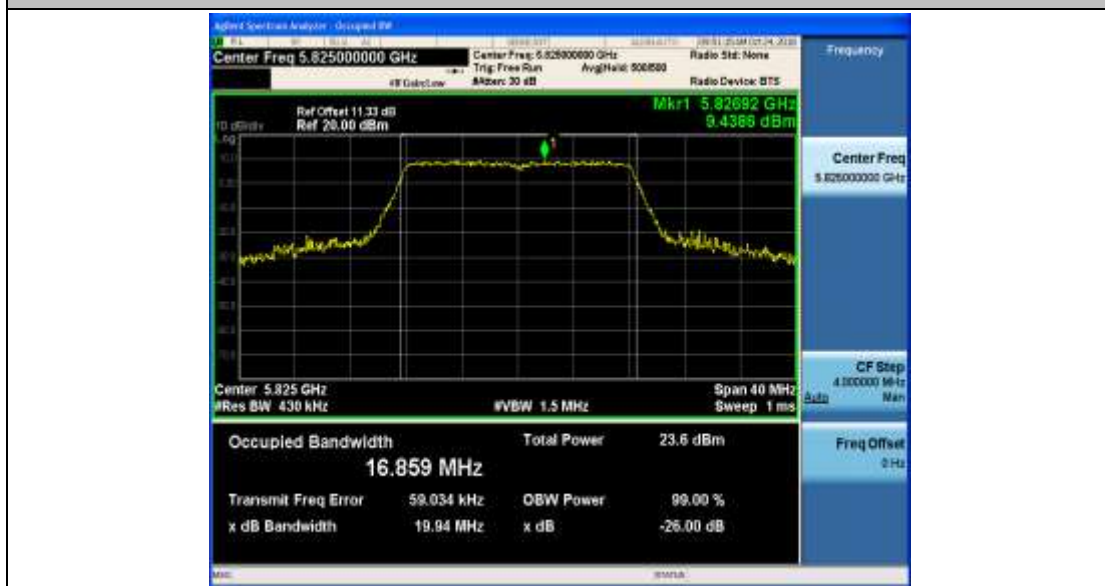
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11A\_Ant1\_5785

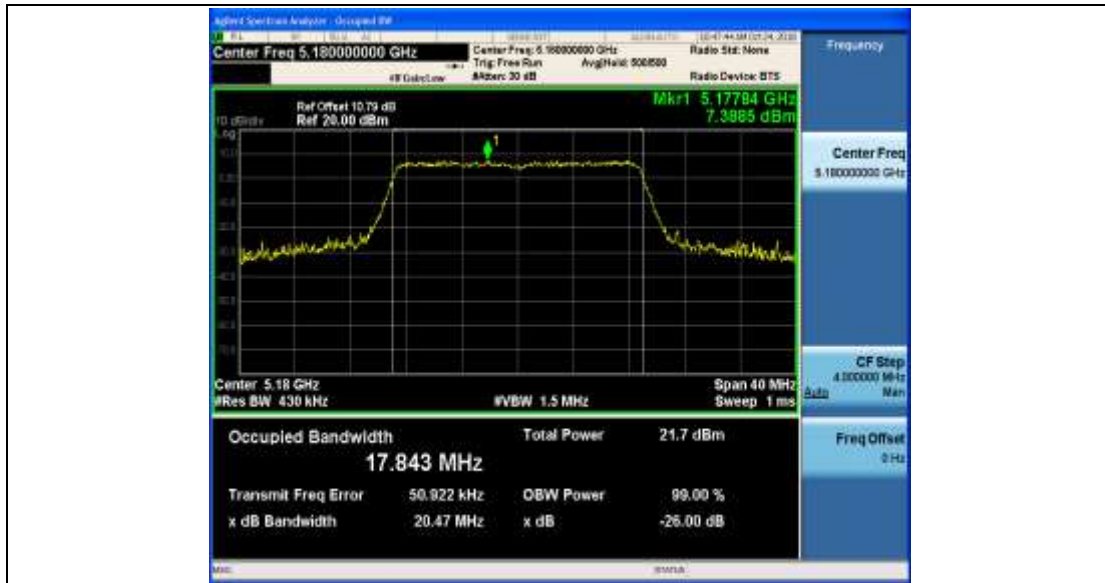


11A\_Ant1\_5825

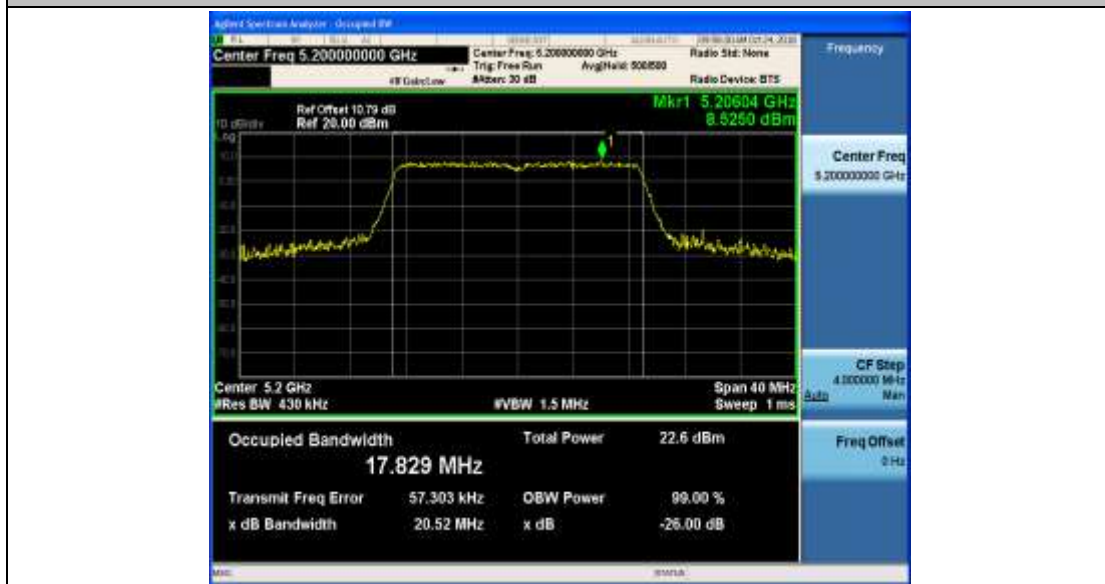


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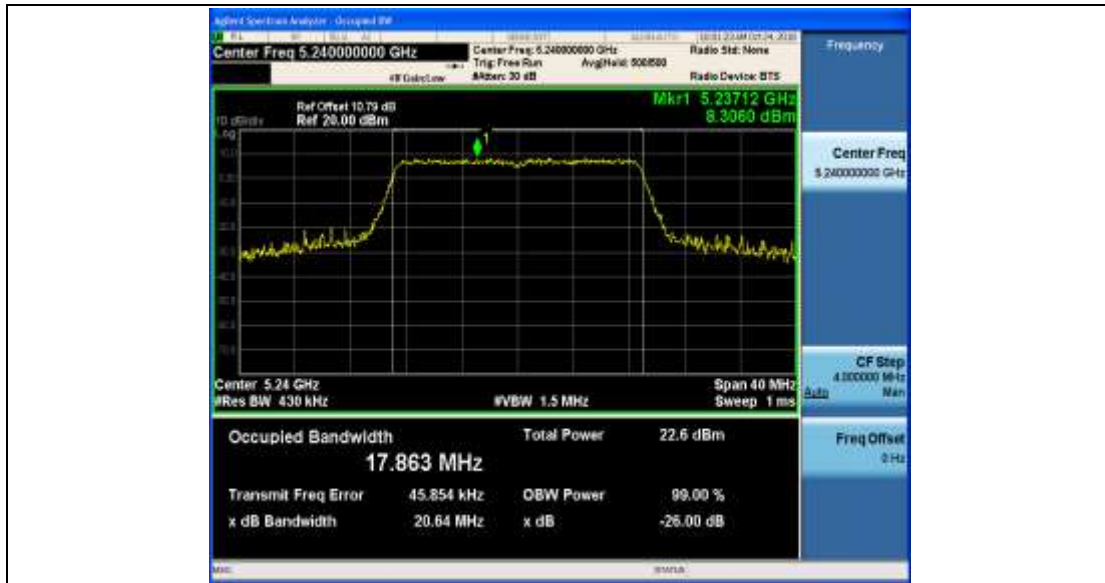




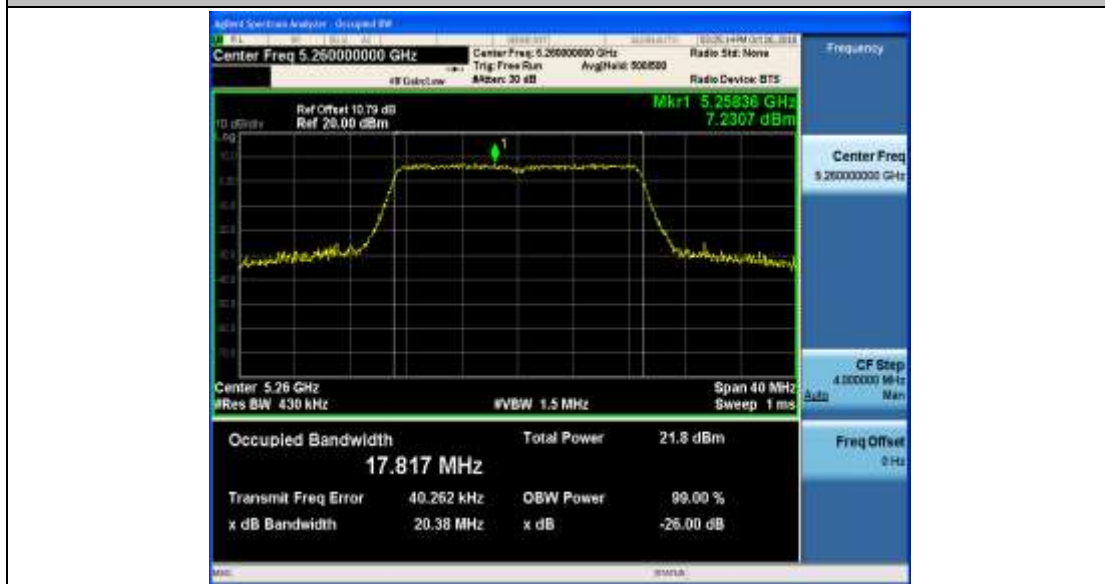
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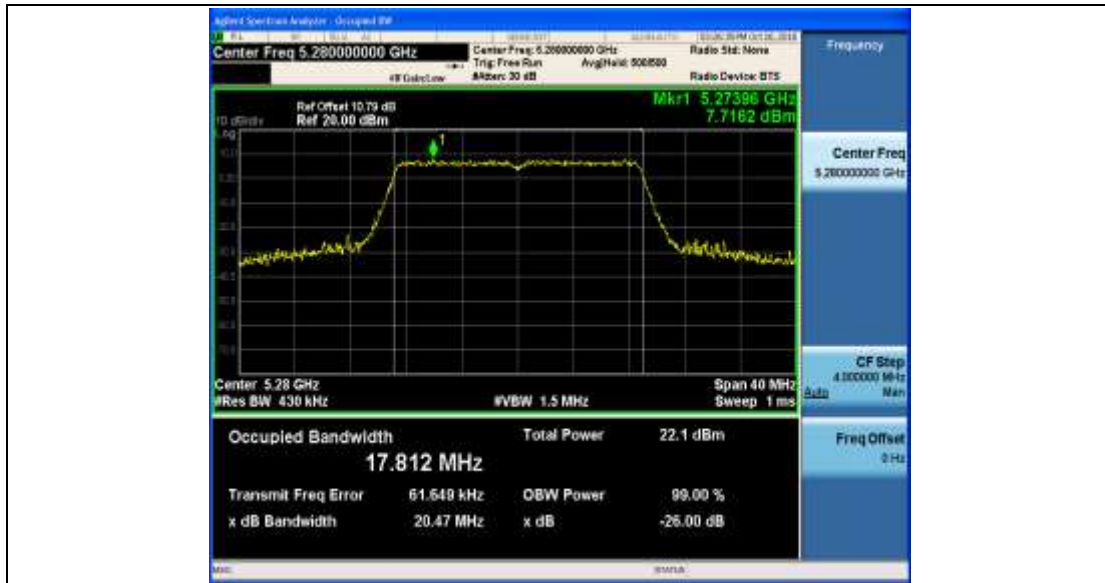
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11N20SISO\_Ant1\_5260



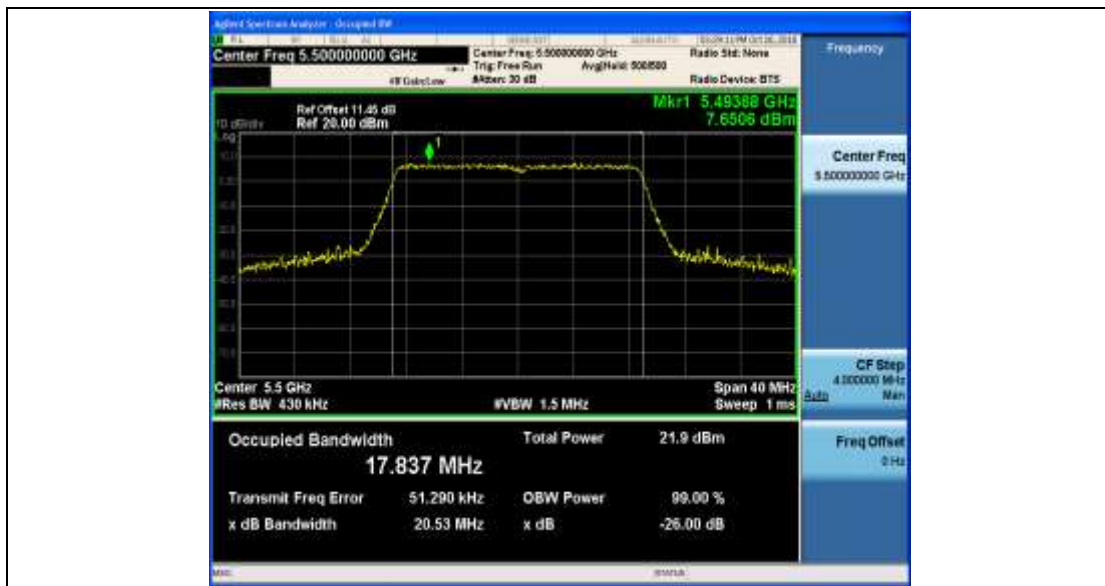
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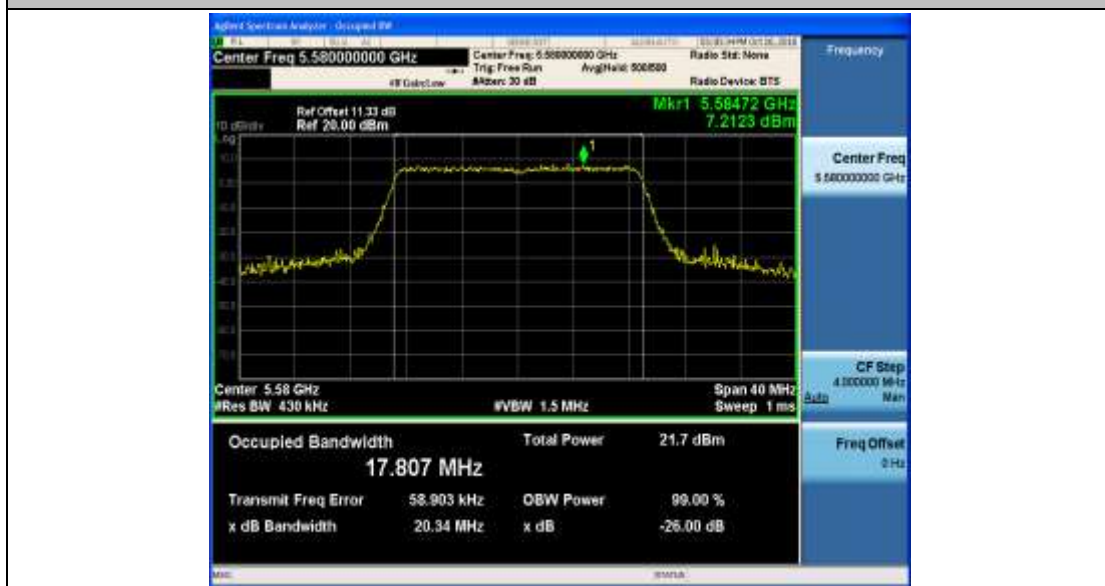
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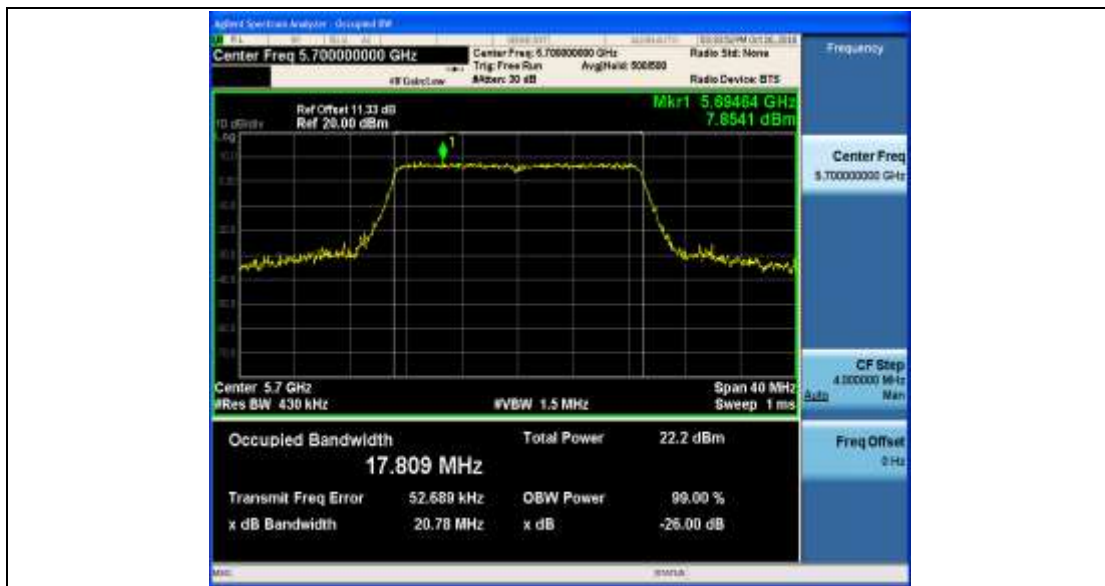
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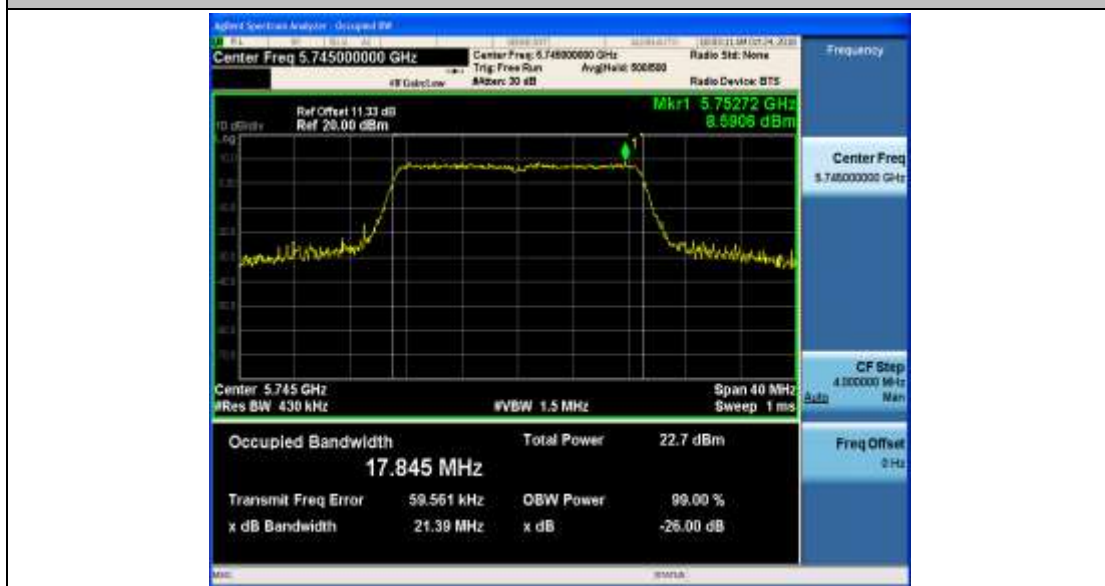
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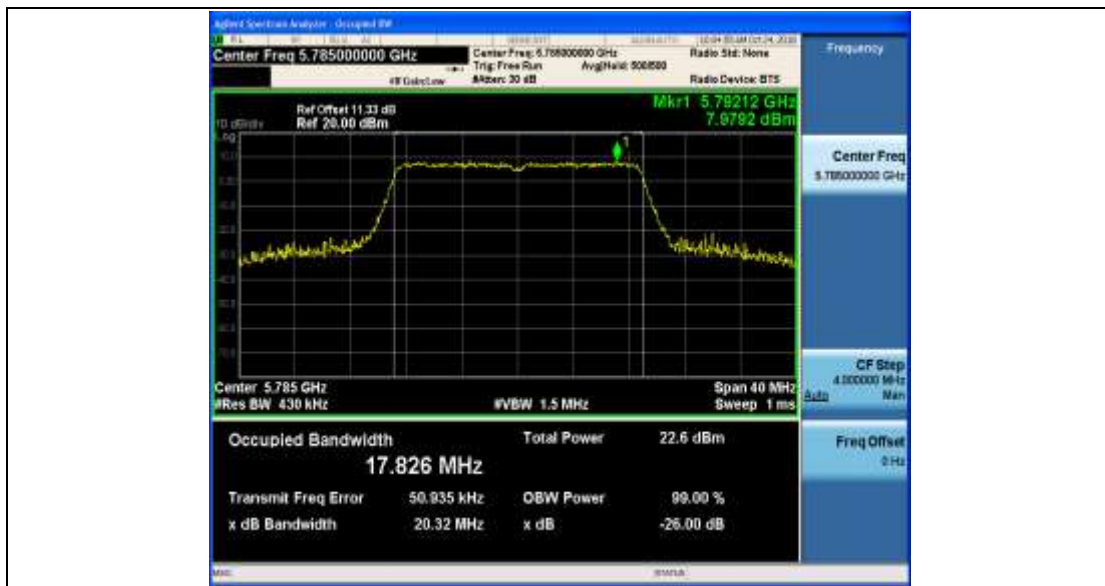
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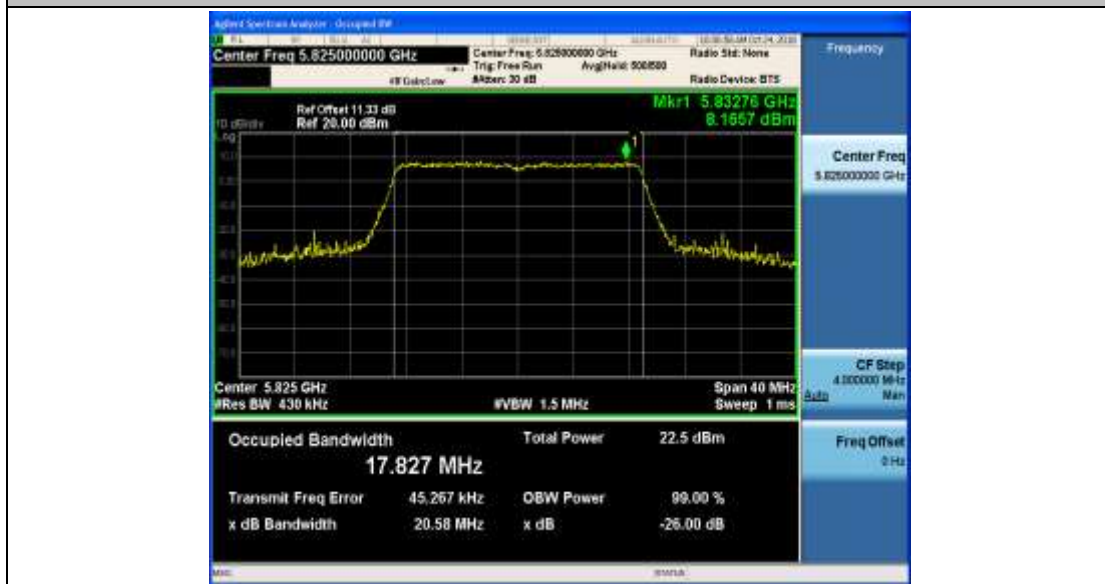
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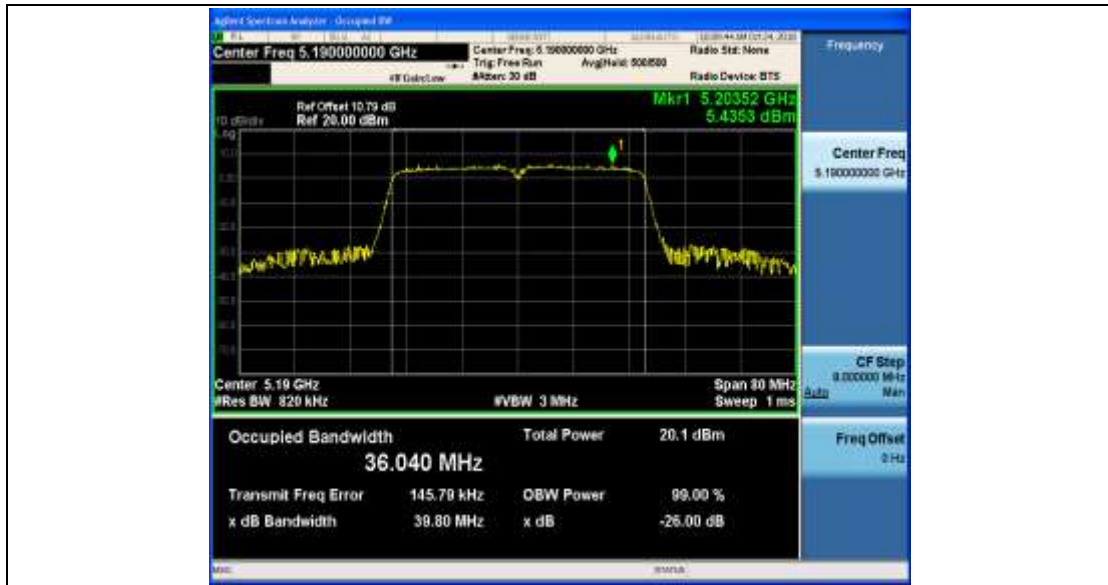
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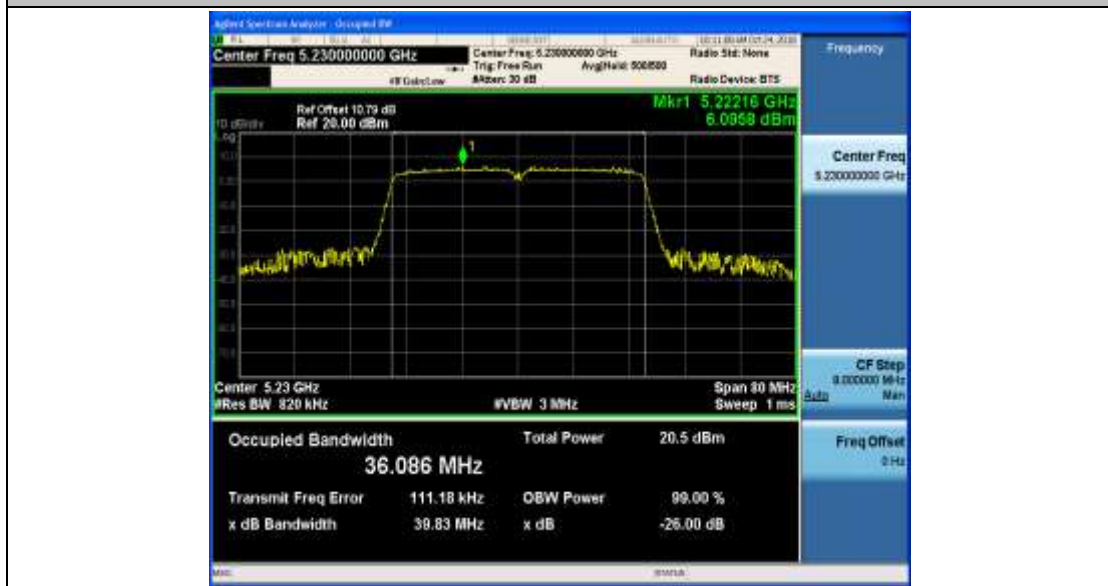
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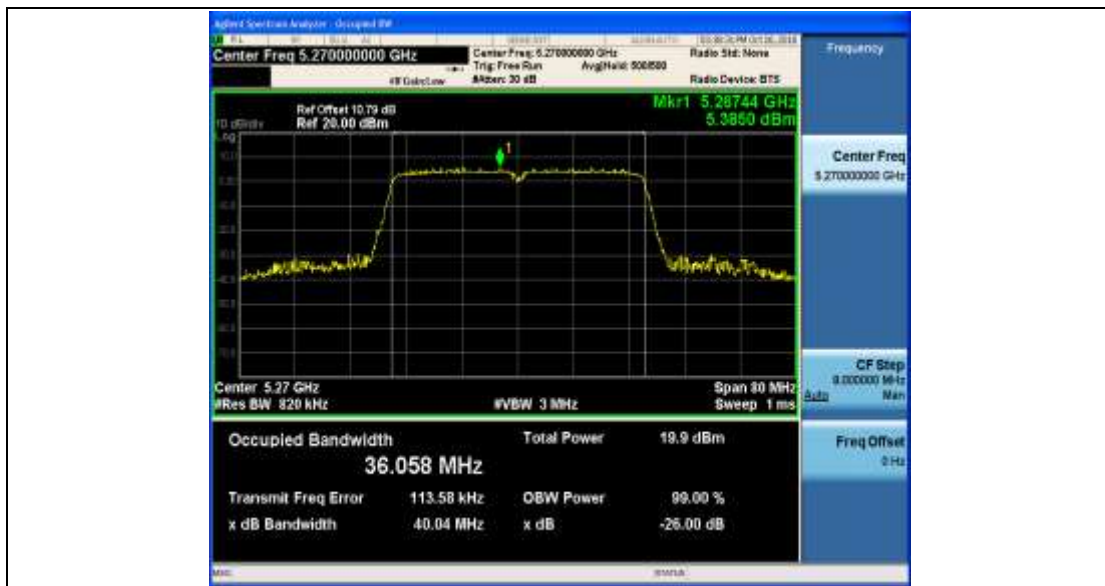
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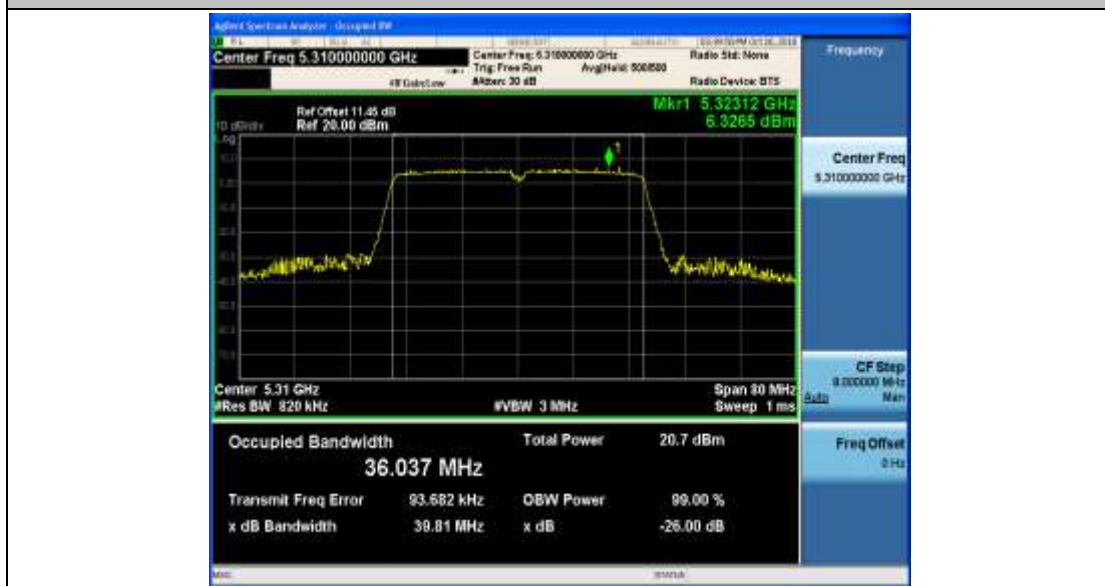
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11N40SISO\_Ant1\_5270

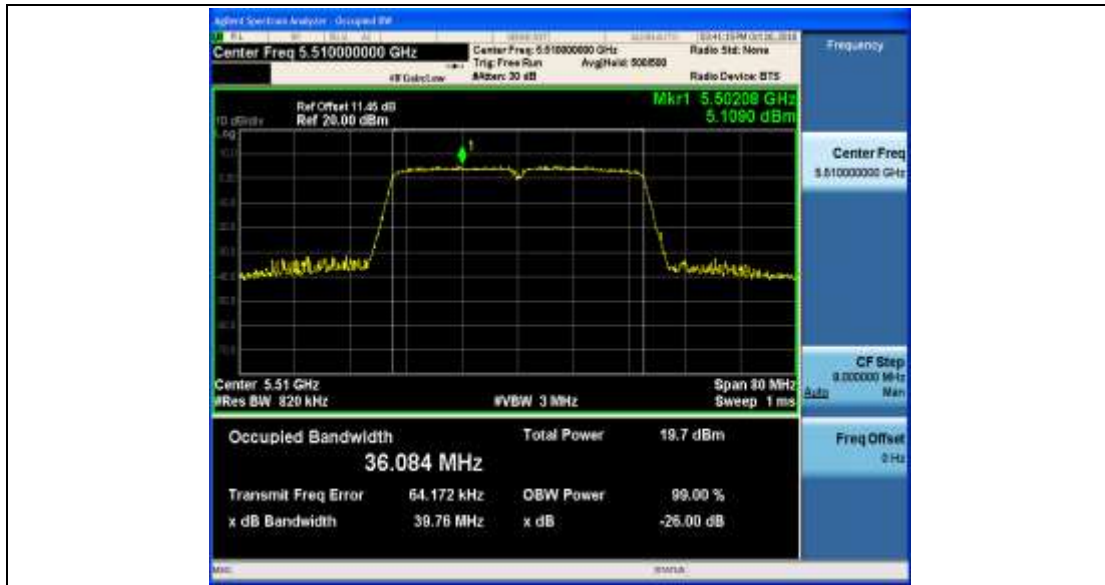


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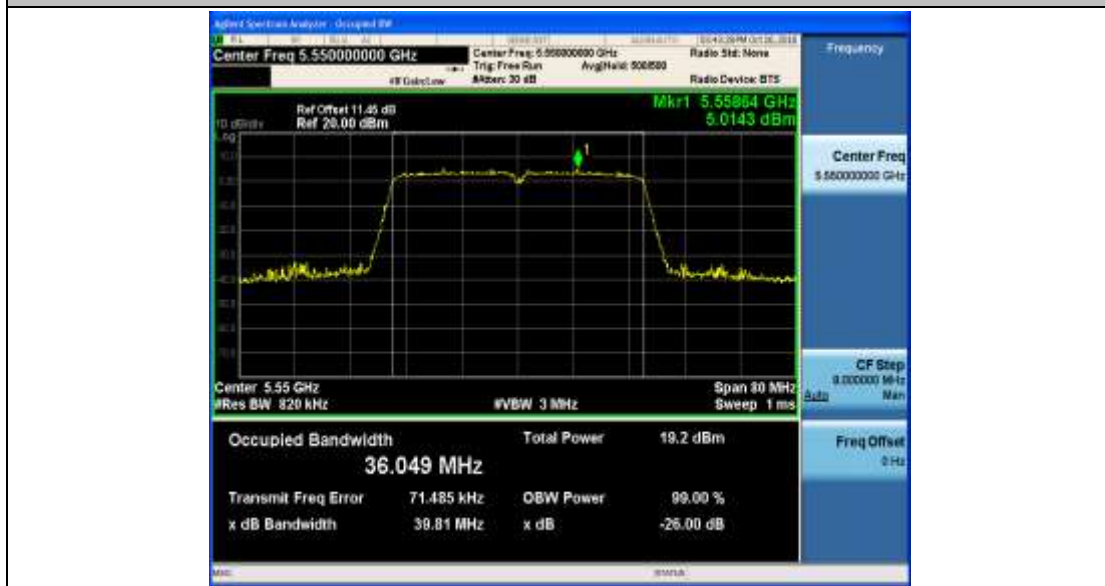


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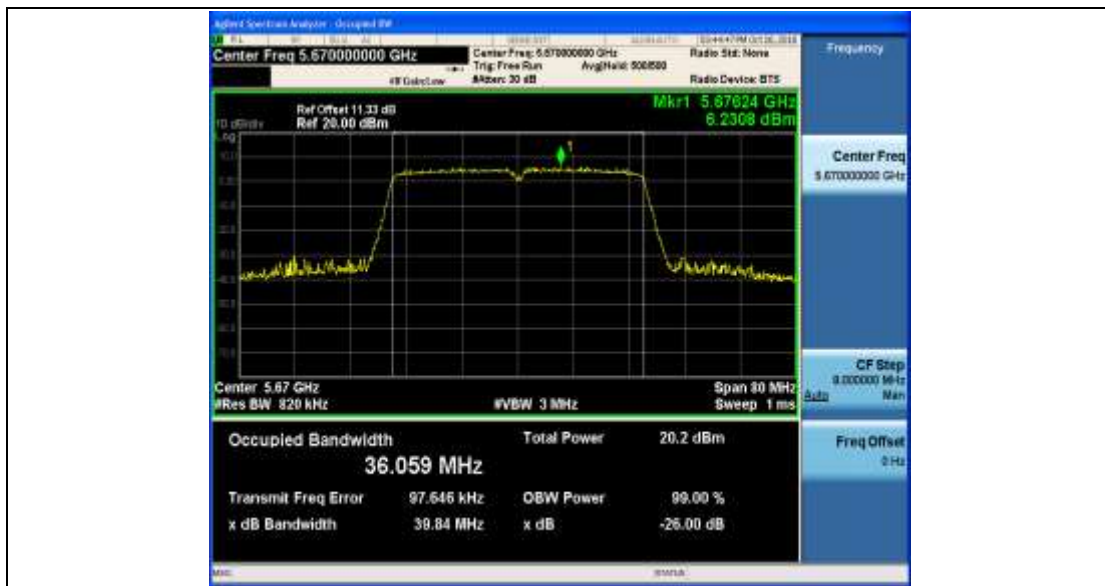




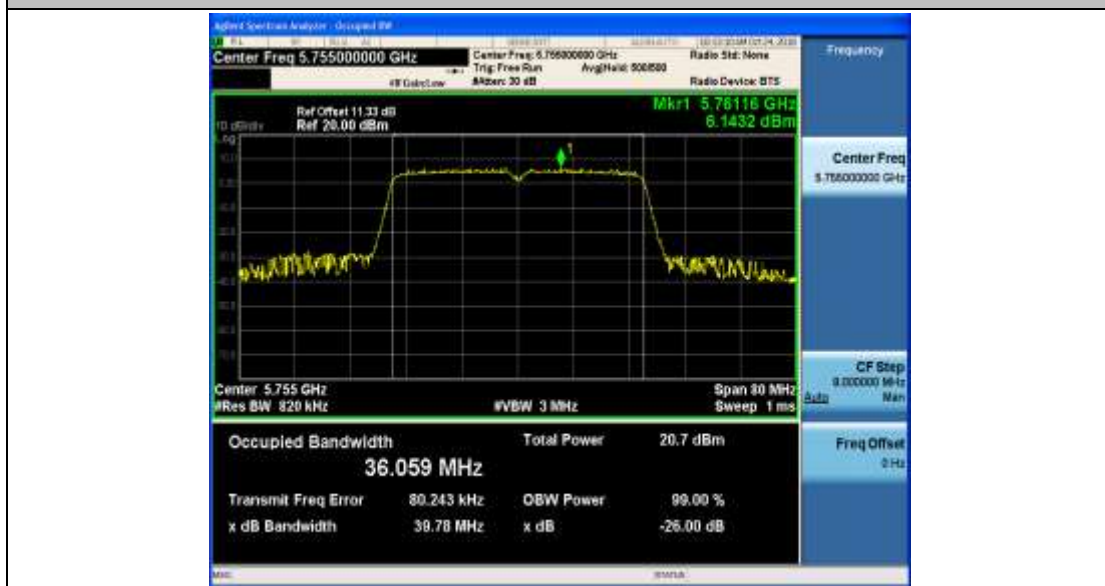
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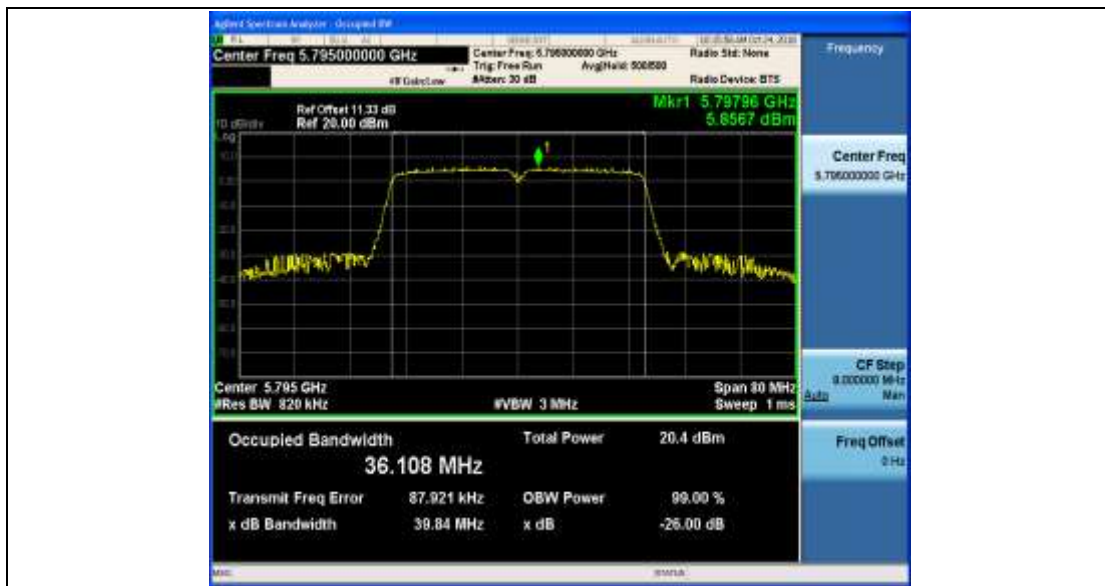
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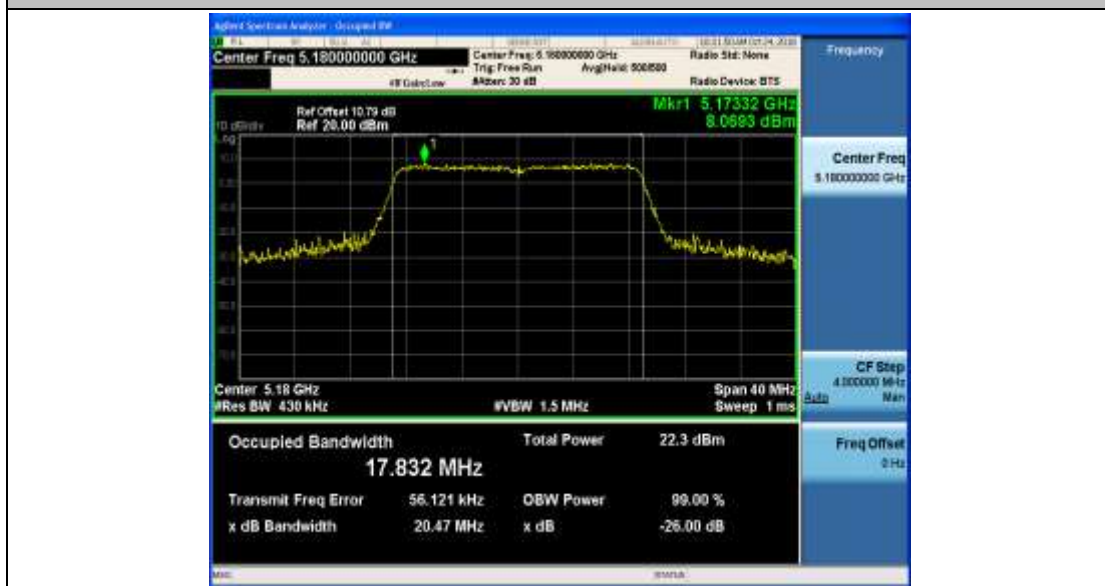
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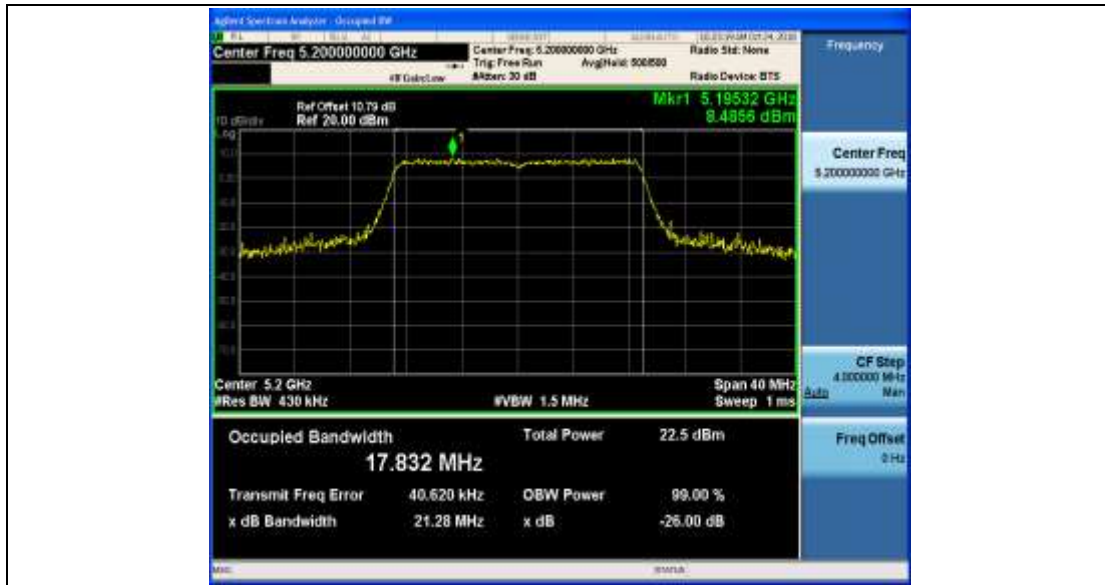
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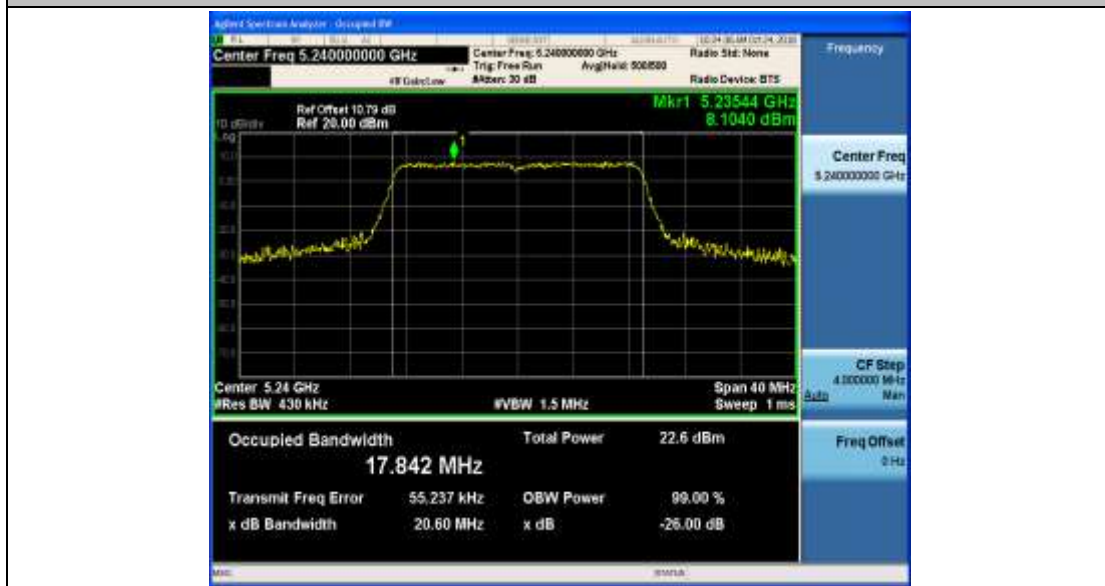
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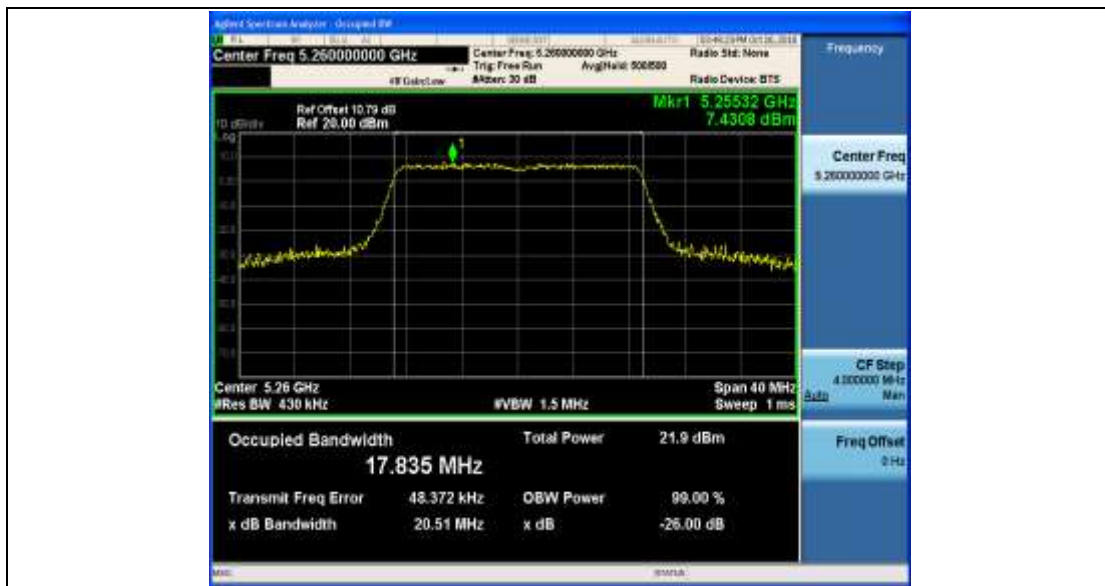
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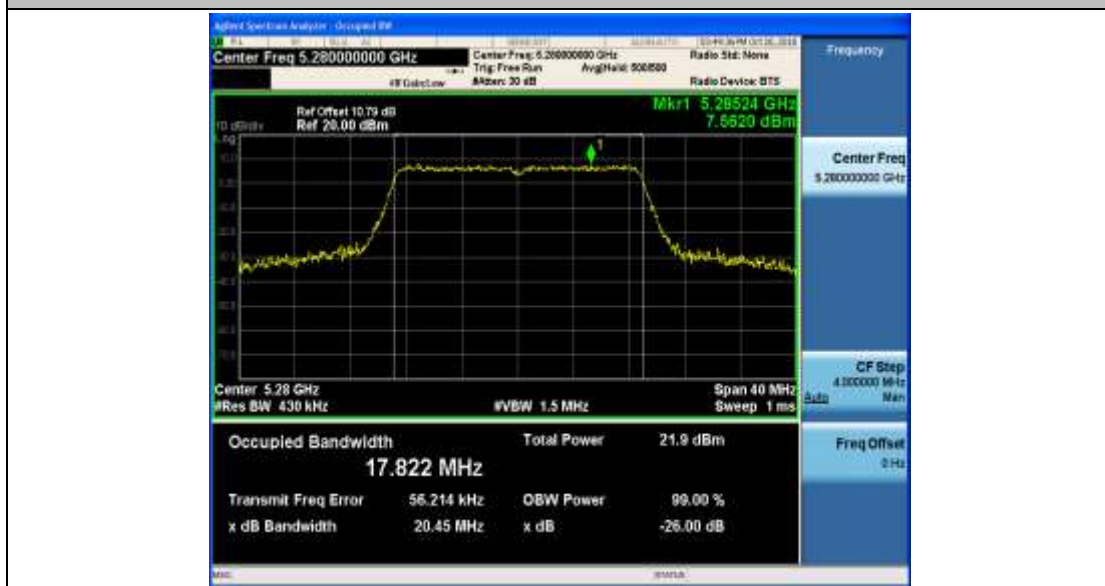
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11AC20SISO\_Ant1\_5260



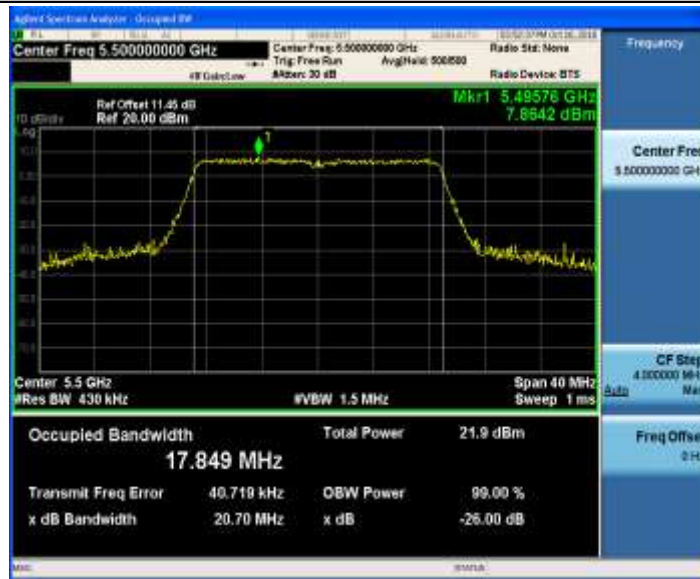
11AC20SISO\_Ant1\_5280



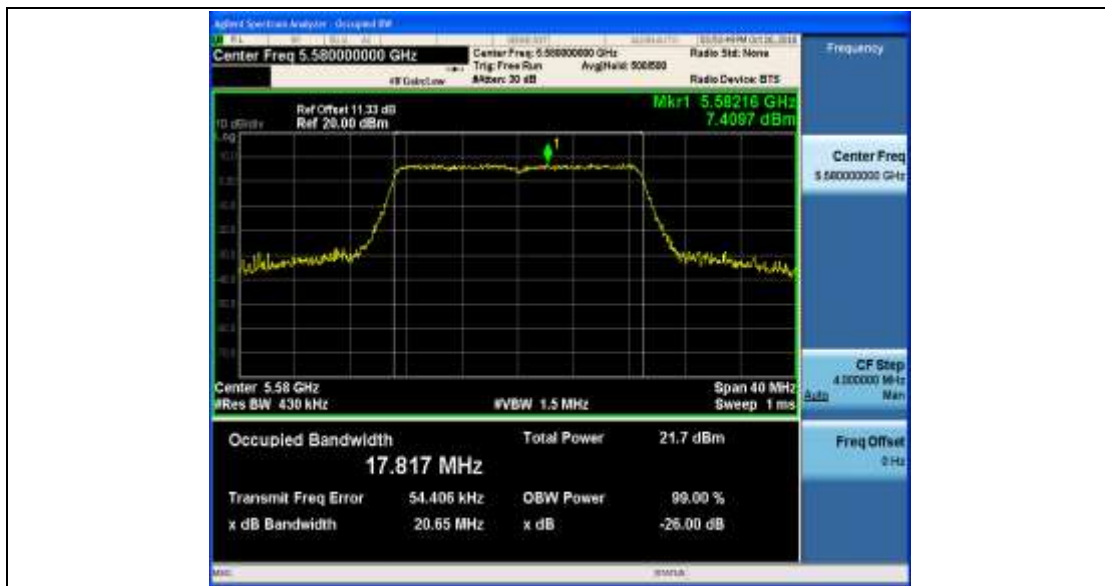
11AC20SISO\_Ant1\_5320



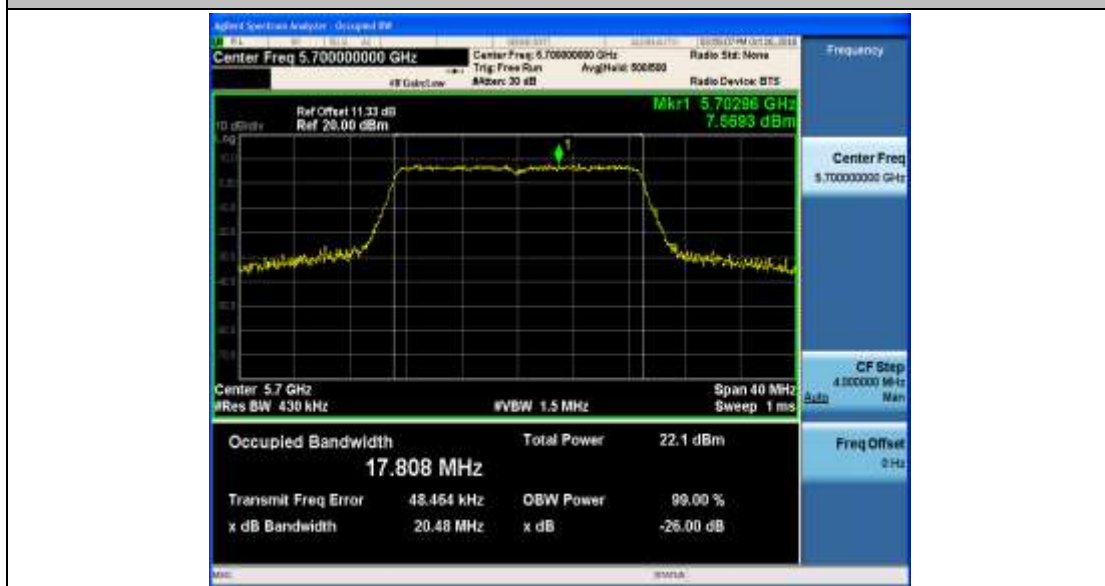
11AC20SISO\_Ant1\_5500



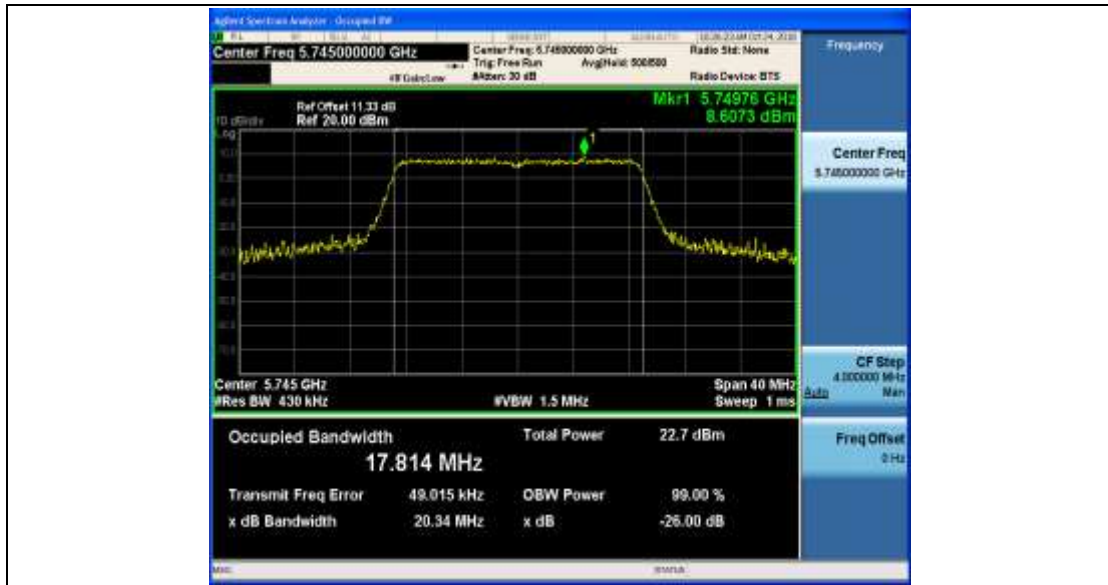
11AC20SISO\_Ant1\_5580



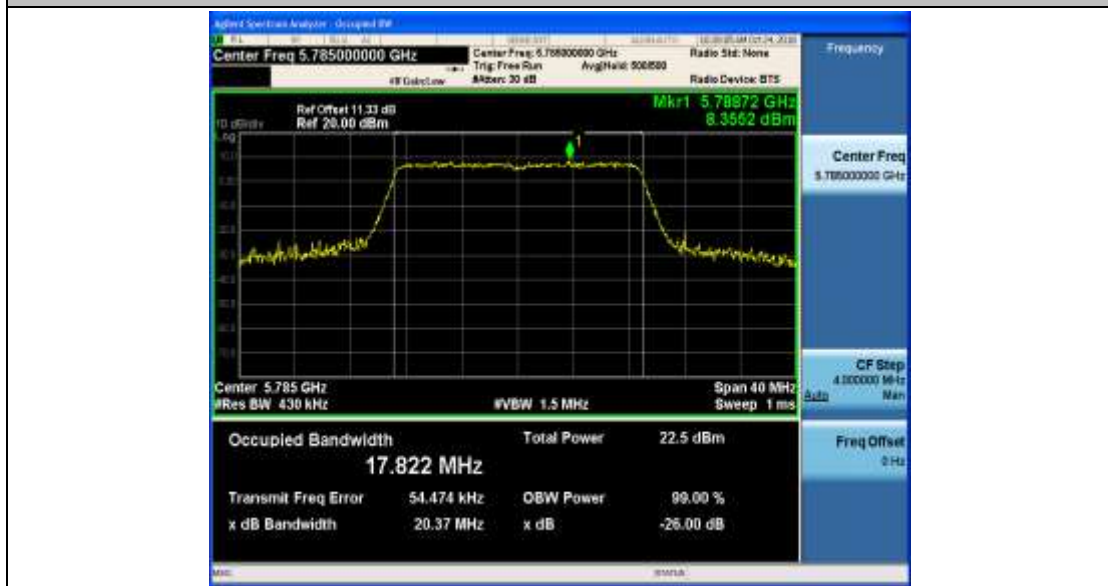
11AC20SISO\_Ant1\_5700



11AC20SISO\_Ant1\_5745

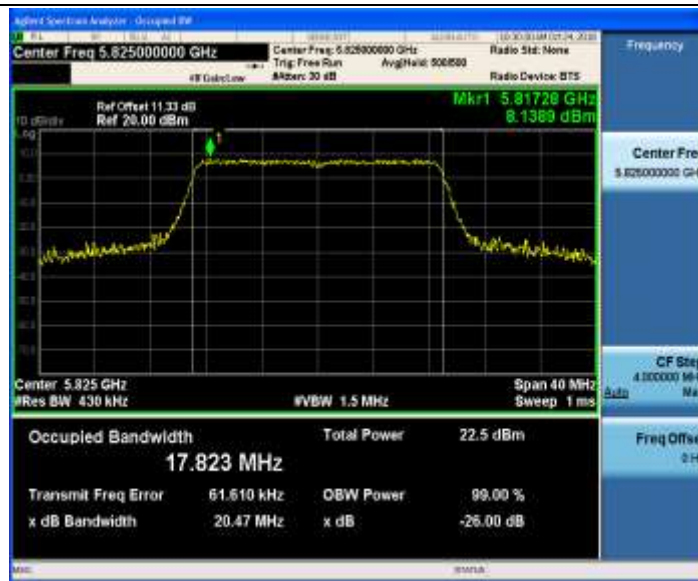


11AC20SISO\_Ant1\_5785



11AC20SISO\_Ant1\_5825

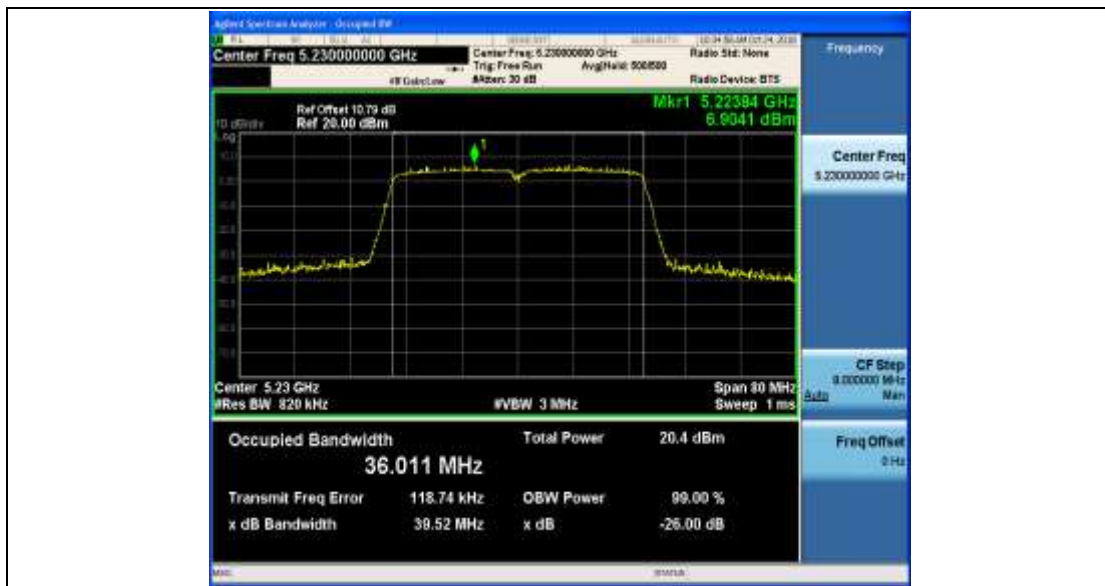




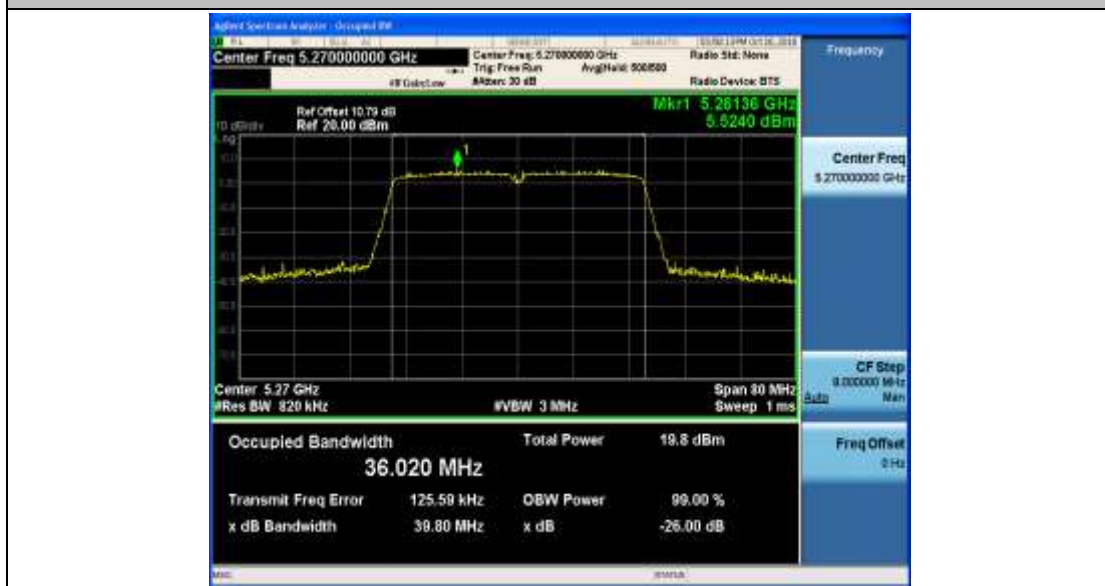
11AC40SISO\_Ant1\_5190



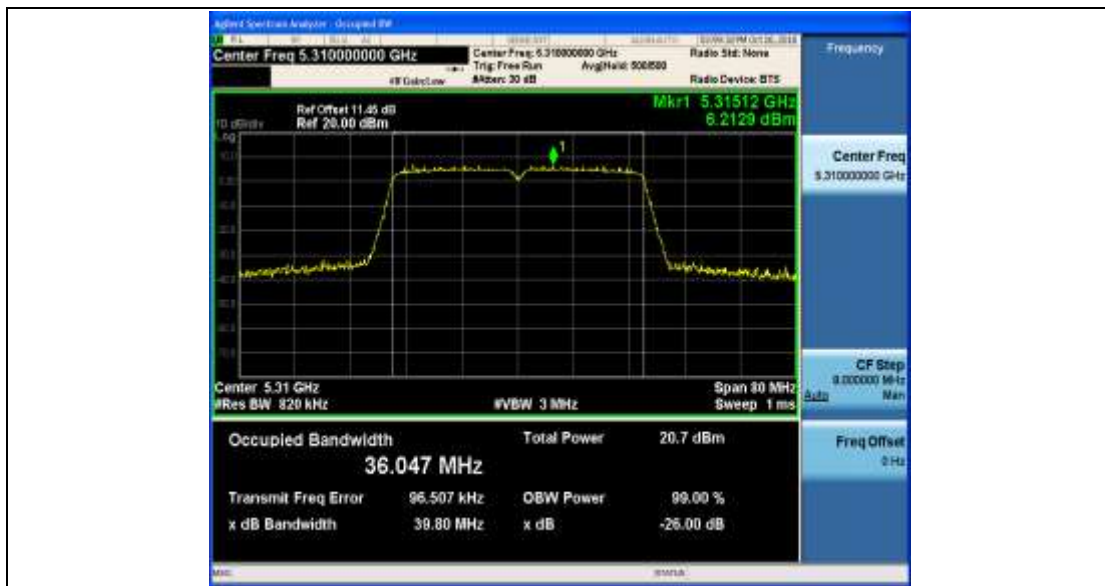
11AC40SISO\_Ant1\_5230



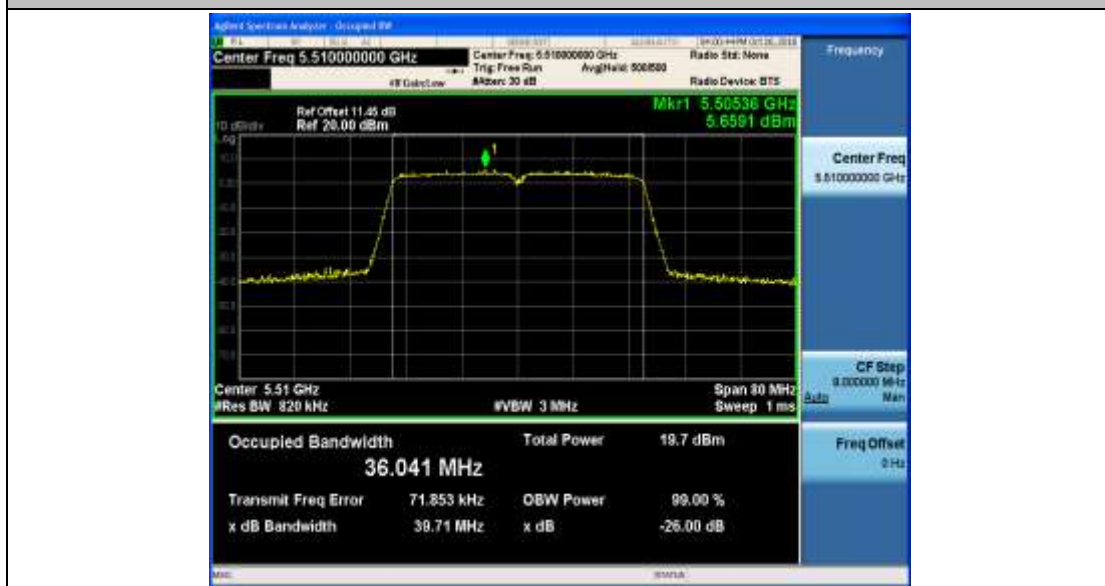
11AC40SISO\_Ant1\_5270



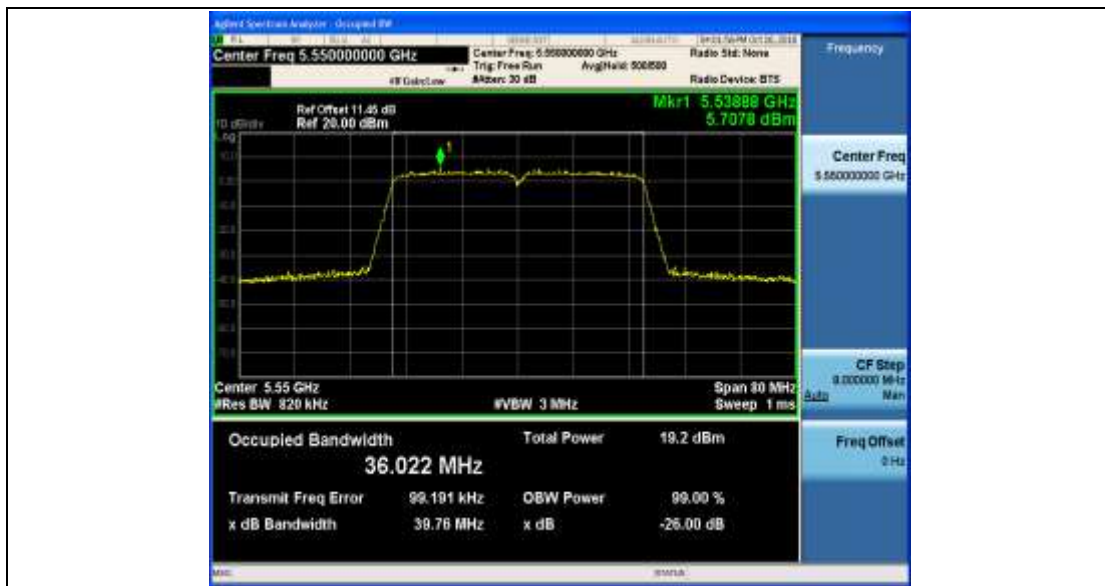
11AC40SISO\_Ant1\_5310



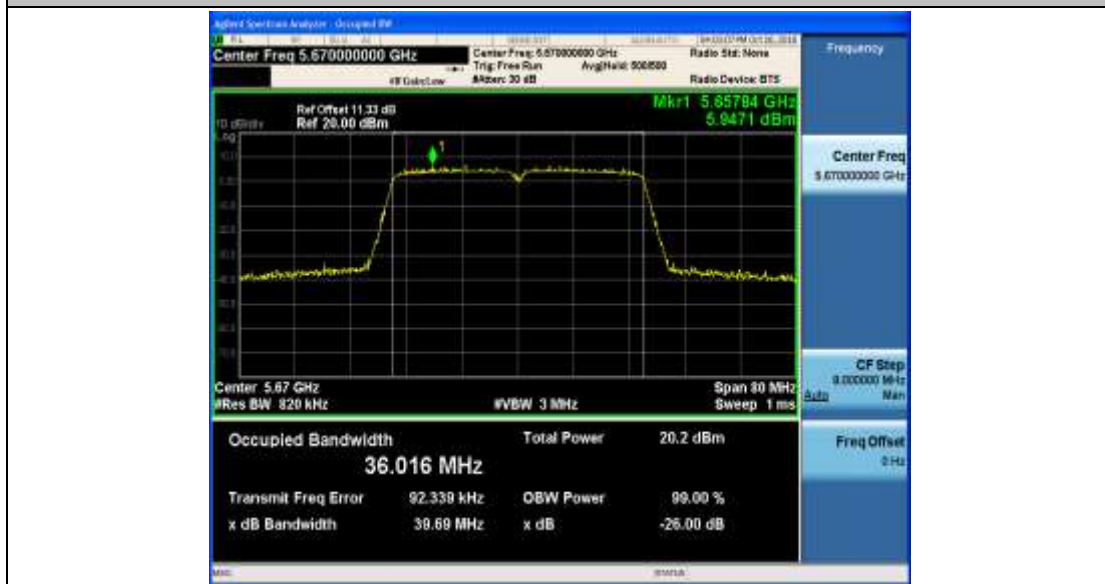
11AC40SISO\_Ant1\_5510



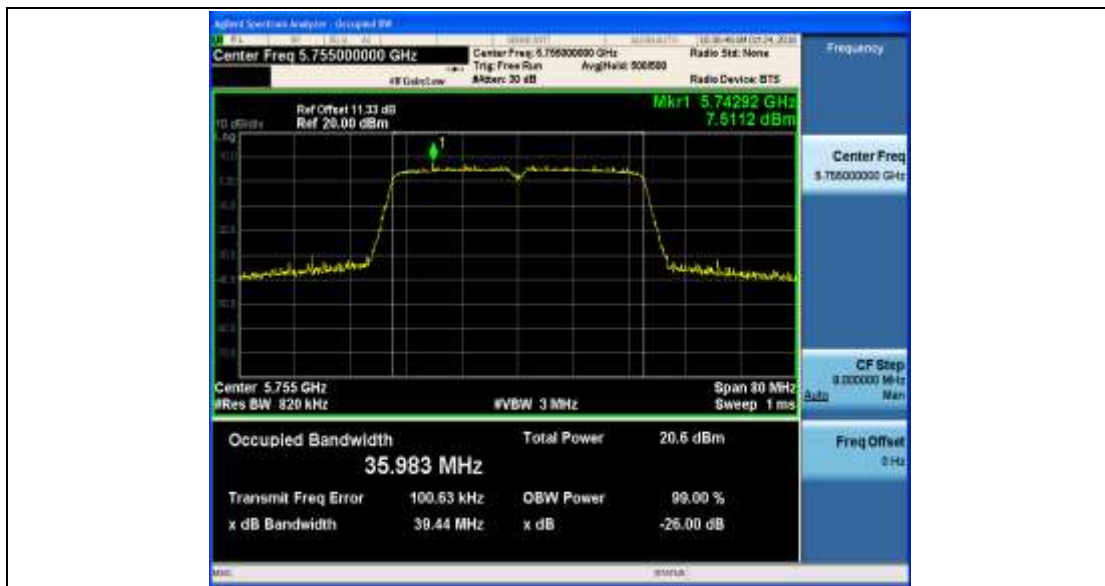
11AC40SISO\_Ant1\_5550



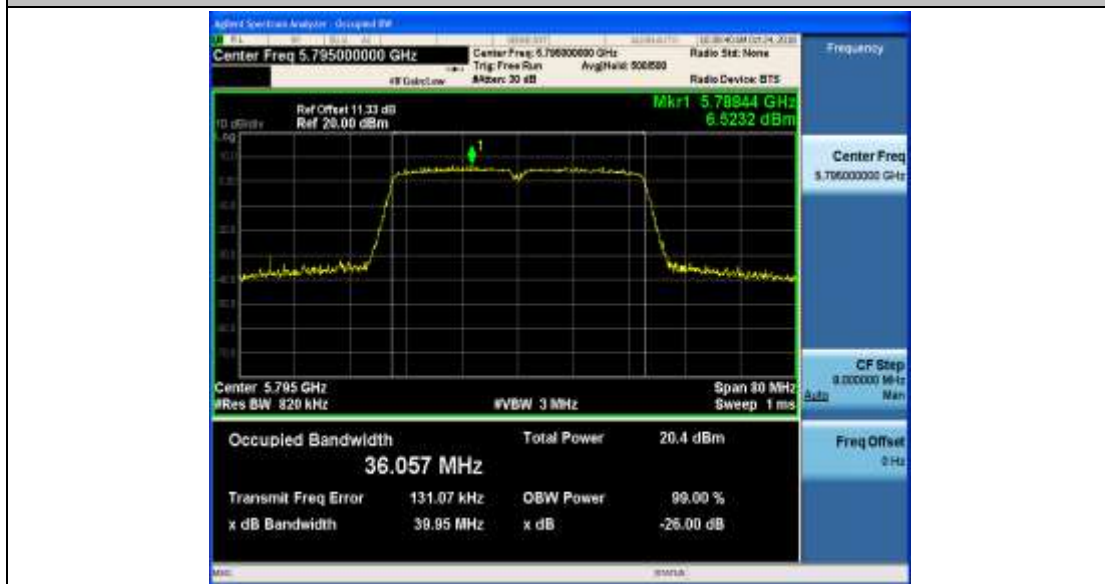
11AC40SISO\_Ant1\_5670



11AC40SISO\_Ant1\_5755



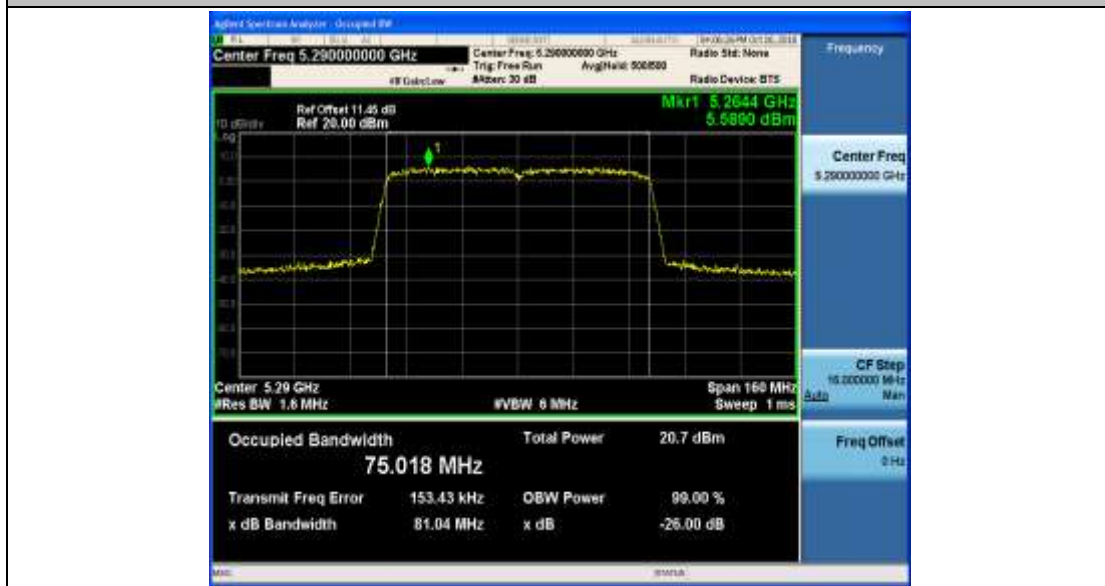
11AC40SISO\_Ant1\_5795



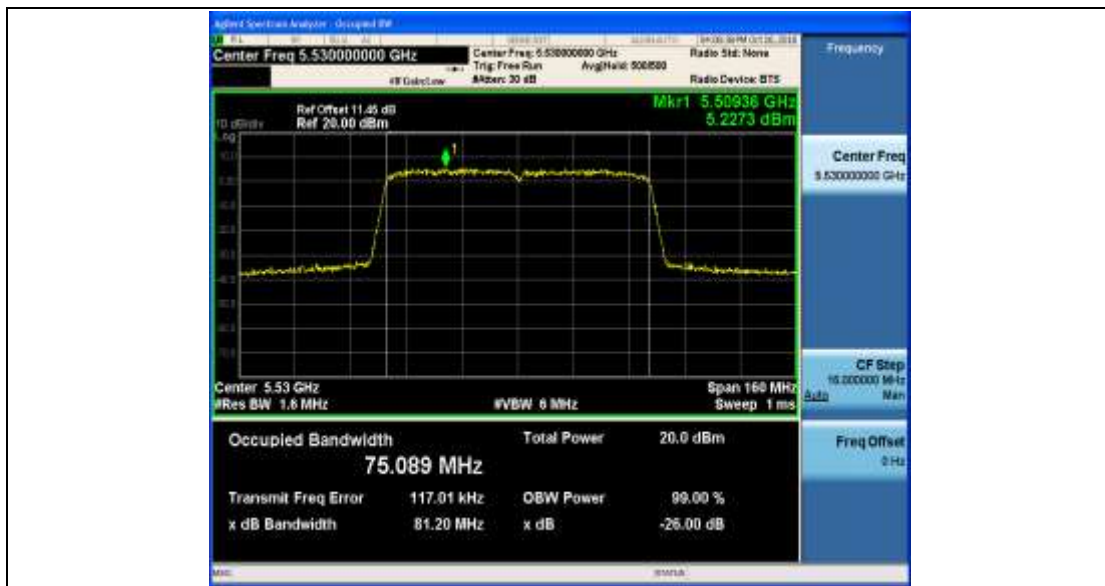
11AC80SISO\_Ant1\_5210



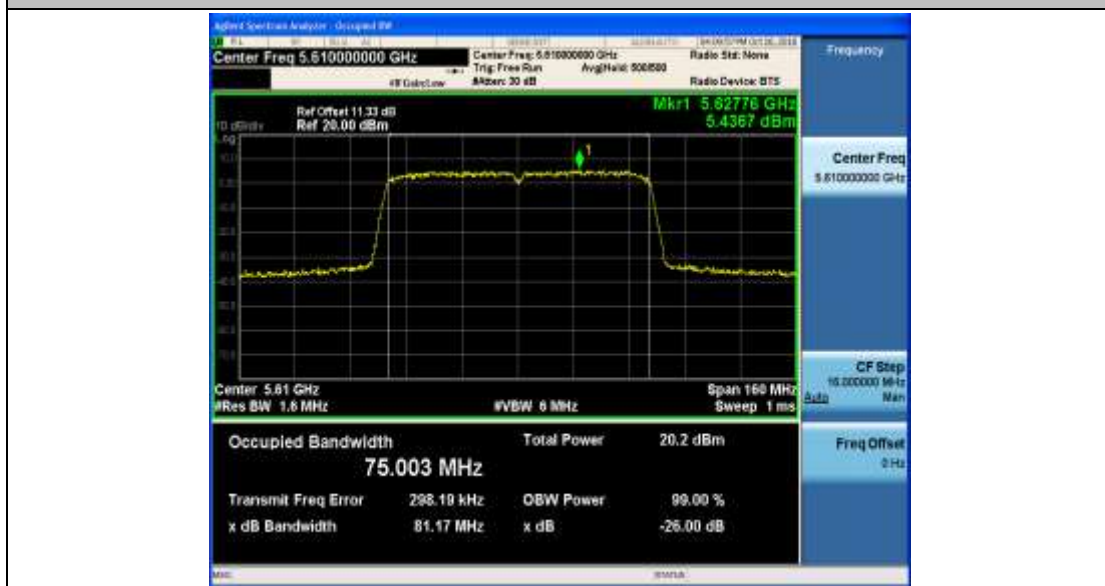
11AC80SISO\_Ant1\_5290



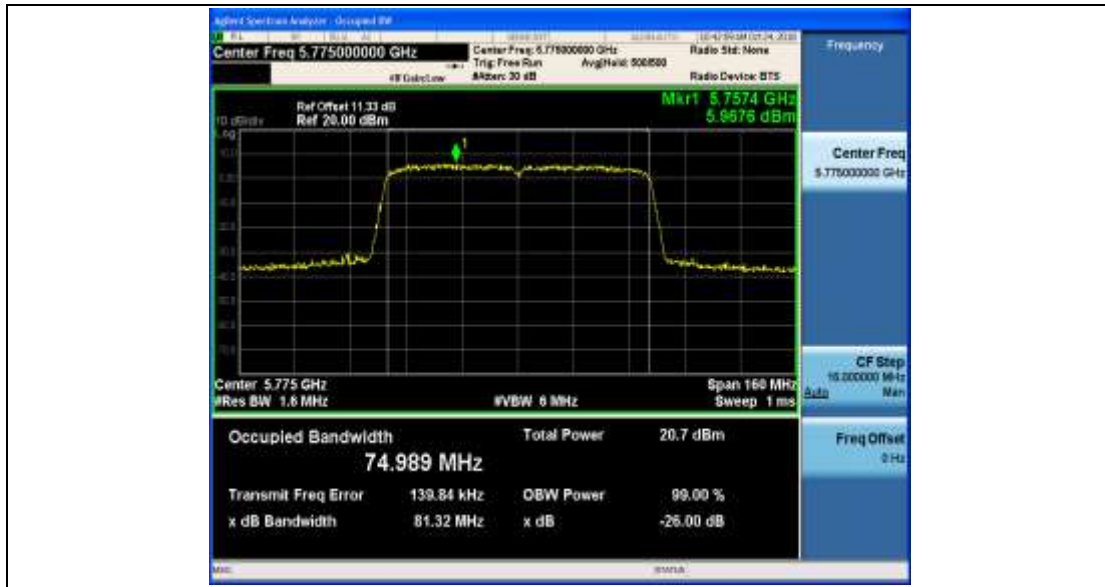
11AC80SISO\_Ant1\_5530



11AC80SISO\_Ant1\_5610



11AC80SISO\_Ant1\_5775







## Appendix C: Duty Cycle

### Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.06	2.11	97.66
		5200	2.06	2.11	97.72
		5240	2.06	2.11	97.72
		5260	2.06	2.11	97.66
		5280	2.06	2.11	97.66
		5320	2.06	2.11	97.66
		5500	2.06	2.11	97.66
		5580	2.06	2.11	97.72
		5700	2.06	2.11	97.66
		5745	2.06	2.11	97.72
		5785	2.06	2.11	97.72
		5825	2.06	2.11	97.66
11N20SISO	Ant1	5180	2.59	2.63	98.13
		5200	2.59	2.64	98.13
		5240	2.59	2.64	98.18
		5260	2.59	2.64	98.13
		5280	2.59	2.64	98.18
		5320	2.59	2.64	98.13
		5500	2.59	2.64	98.18
		5580	2.59	2.64	98.13
		5700	2.59	2.64	98.13
		5745	2.59	2.64	98.18
		5785	2.59	2.64	98.13
		5825	2.59	2.64	98.18
11N40SISO	Ant1	5190	1.27	1.31	96.43
		5230	1.27	1.31	96.43
		5270	1.27	1.31	96.43
		5310	1.27	1.31	96.43
		5510	1.27	1.31	96.43
		5550	1.27	1.31	96.43
		5670	1.27	1.31	96.34

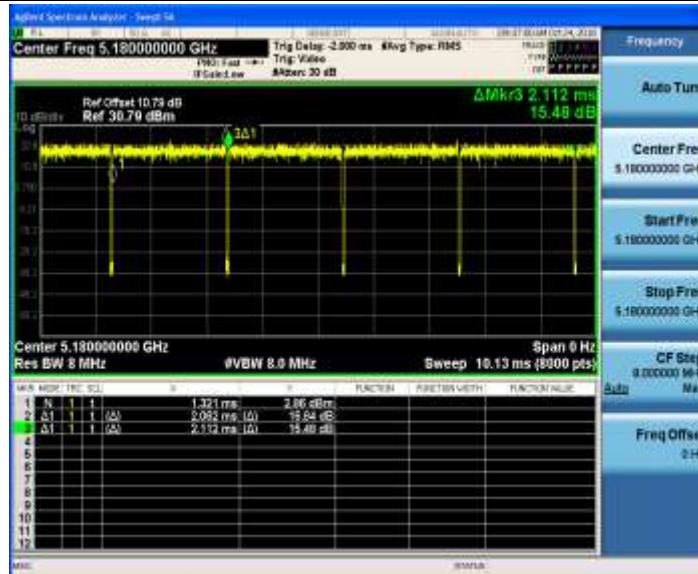


		5755	1.27	1.31	96.34
		5795	1.27	1.31	96.43
11AC20SISO	Ant1	5180	5.01	5.05	99.05
		5200	5.00	5.05	99.02
		5240	5.00	5.05	99.02
		5260	5.00	5.05	99.02
		5280	5.01	5.06	99.02
		5320	5.00	5.05	99.02
		5500	5.01	5.05	99.05
		5580	5.00	5.05	99.02
		5700	5.00	5.05	99.02
		5745	5.01	5.05	99.05
		5785	5.01	5.06	99.02
		5825	5.01	5.05	99.05
		11AC40SISO	Ant1	5190	2.43
5230	2.43			2.48	98.11
5270	2.43			2.48	98.11
5310	2.43			2.48	98.11
5510	2.43			2.48	98.11
5550	2.43			2.48	98.16
5670	2.43			2.48	98.11
5755	2.43			2.48	98.11
5795	2.43			2.48	98.11
11AC80SISO	Ant1	5210	1.14	1.19	96.16
		5290	1.14	1.19	96.16
		5530	1.14	1.19	96.16
		5610	1.14	1.19	96.16
		5775	1.14	1.19	96.06



### Test Graphs

11A\_Ant1\_5180



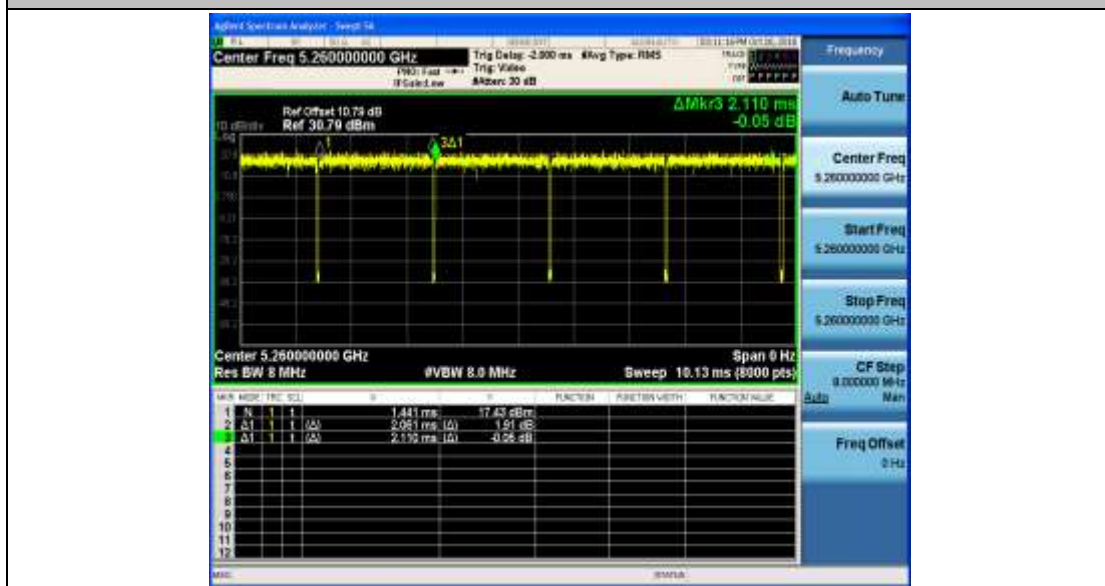
11A\_Ant1\_5200



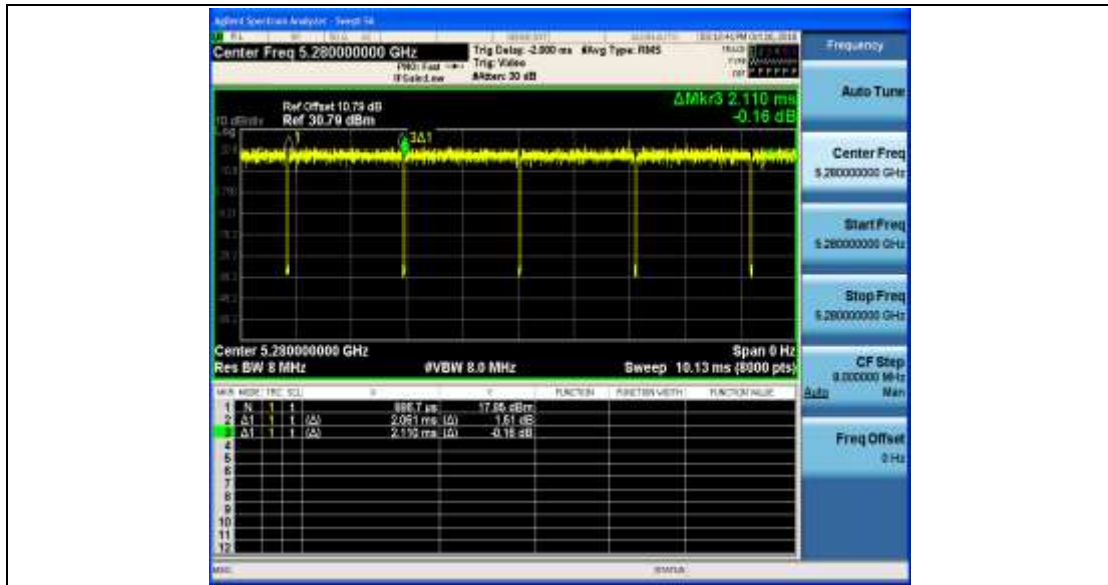
11A\_Ant1\_5240



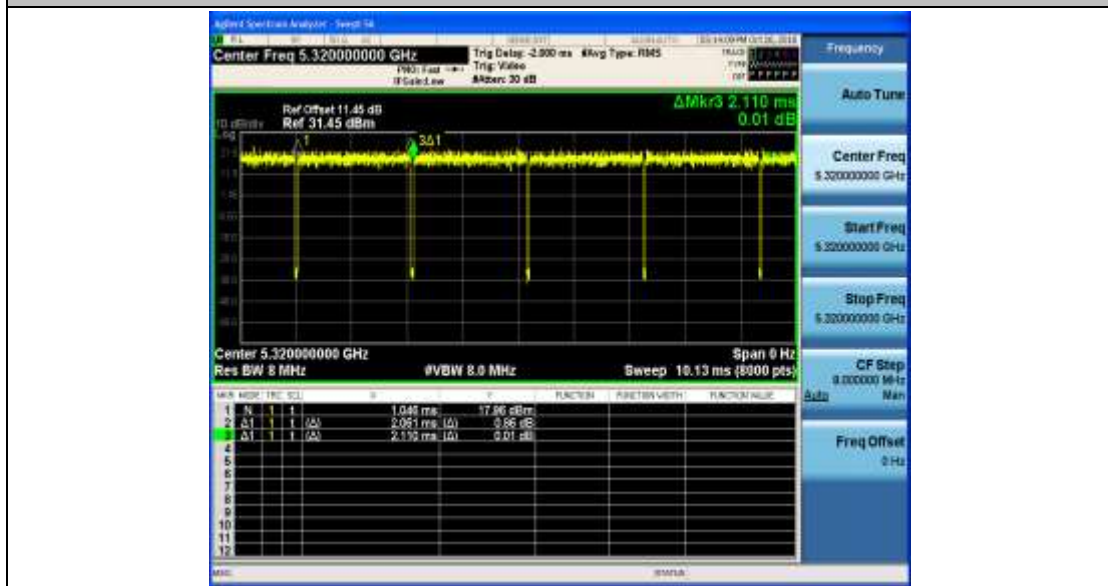
11A\_Ant1\_5260



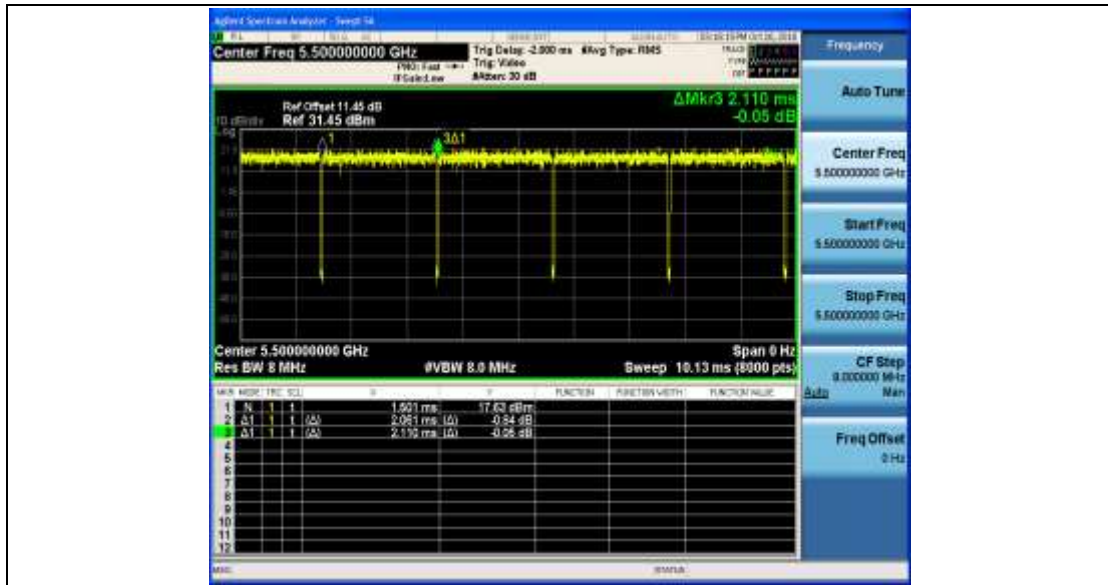
11A\_Ant1\_5280



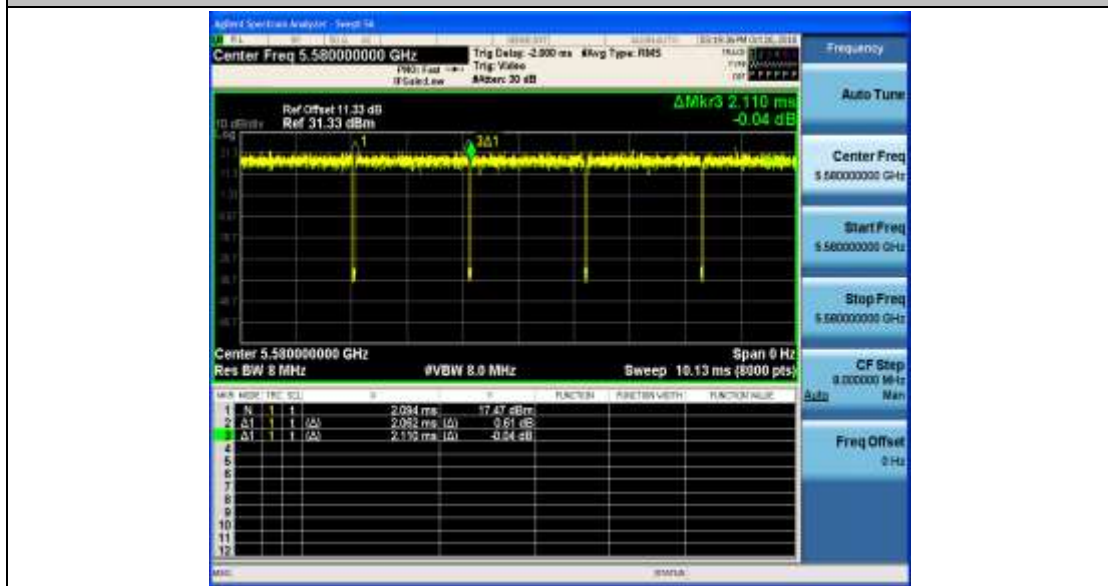
11A\_Ant1\_5320



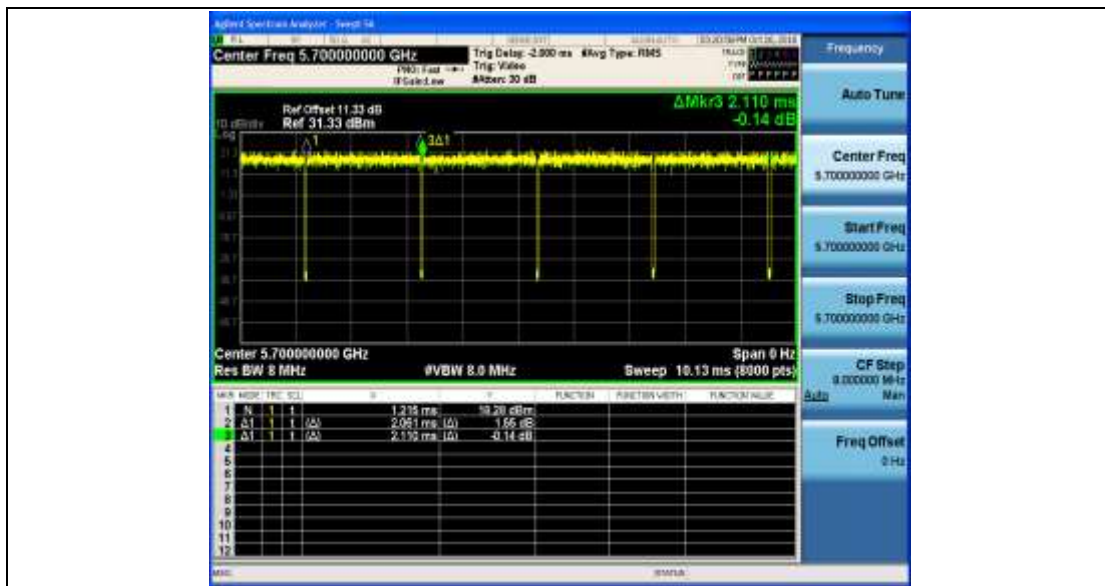
11A\_Ant1\_5500



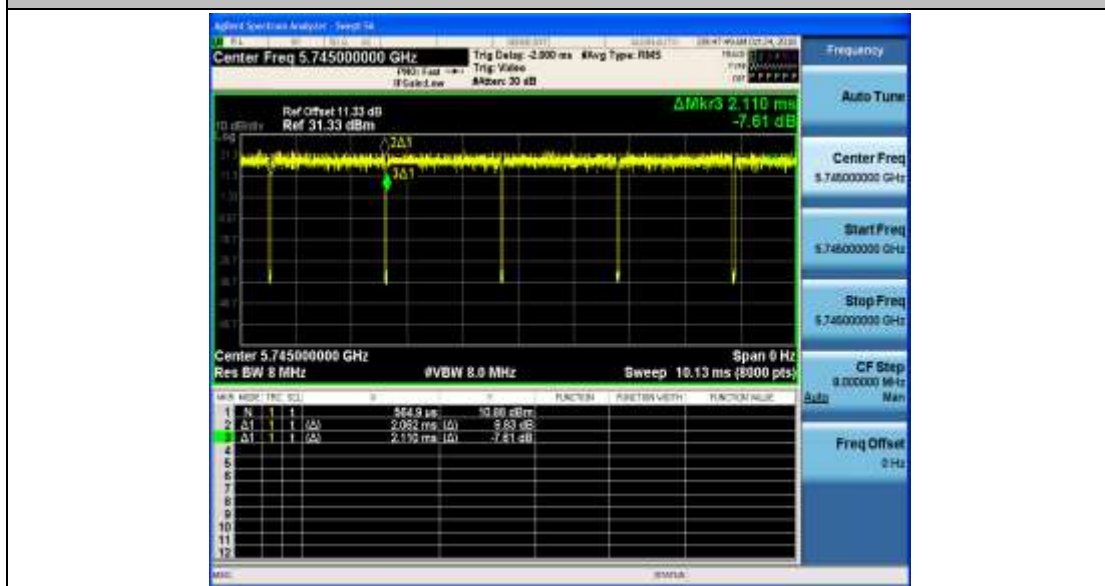
11A\_Ant1\_5580



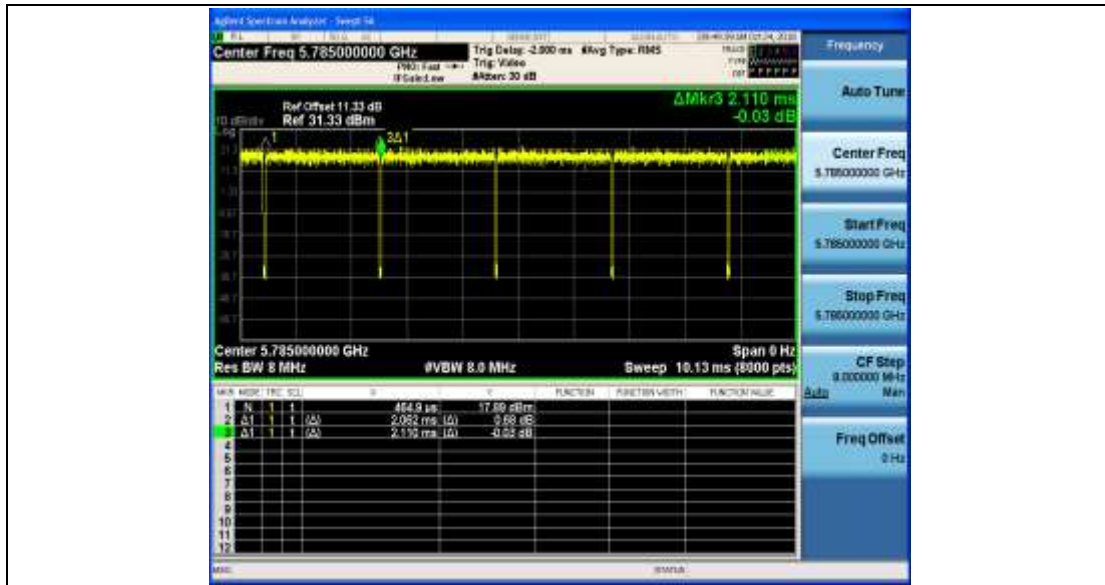
11A\_Ant1\_5700



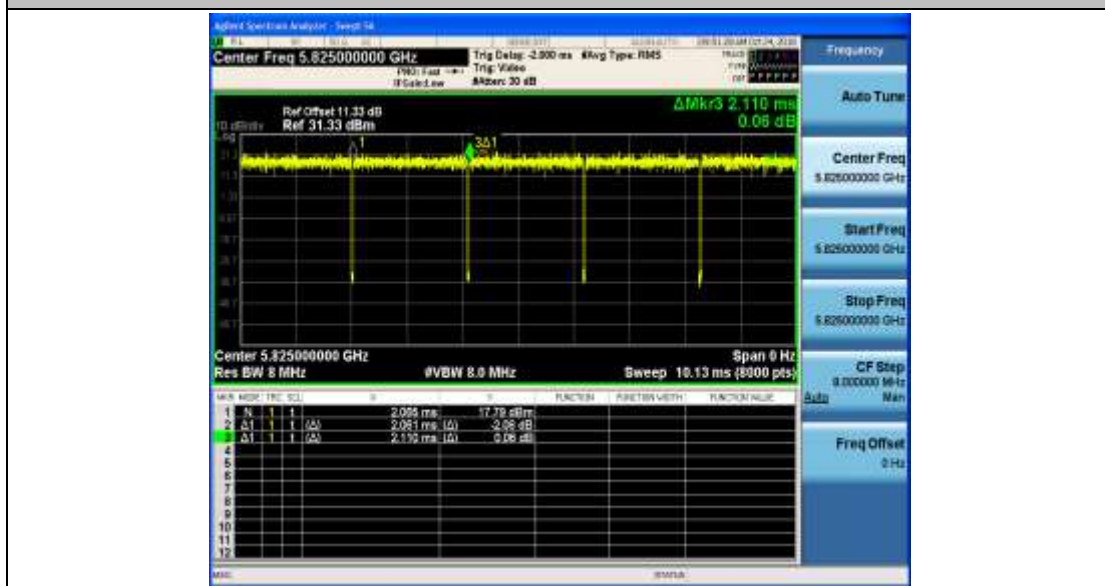
11A\_Ant1\_5745



11A\_Ant1\_5785

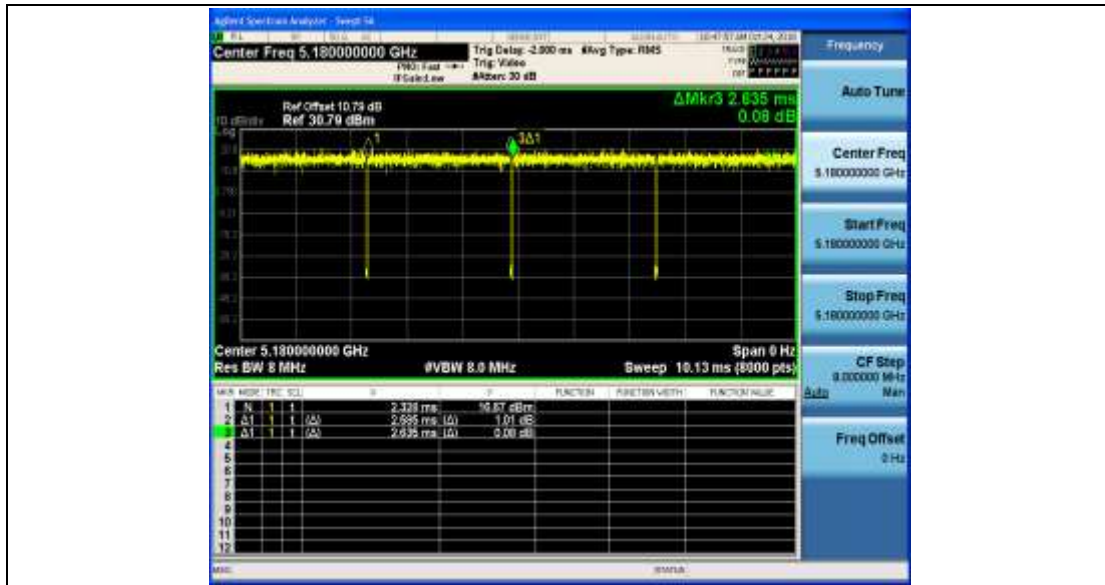


11A\_Ant1\_5825

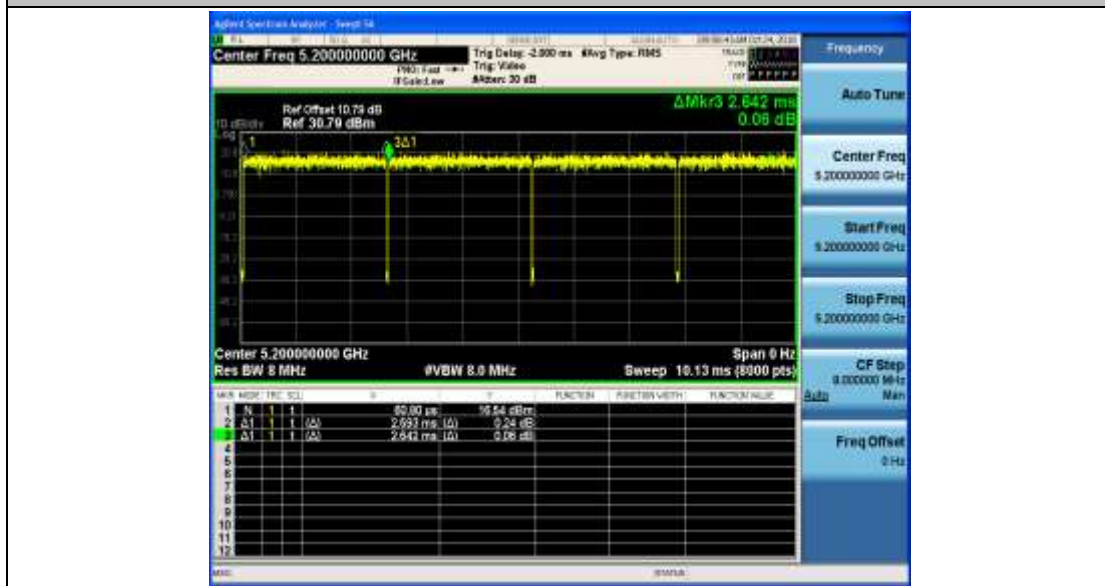


11N20SISO\_Ant1\_5180

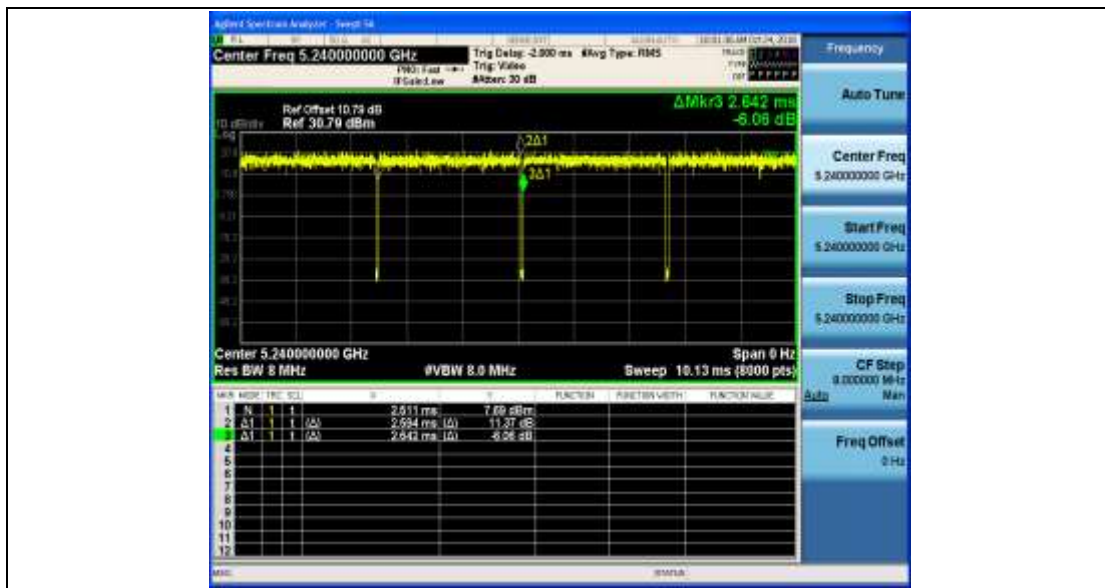




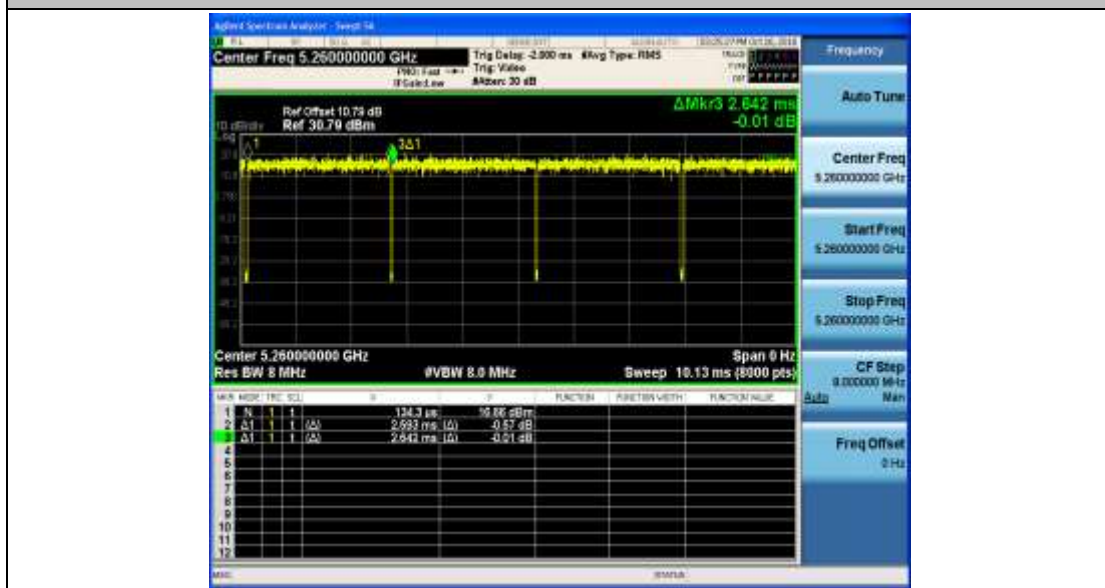
11N20SISO\_Ant1\_5200



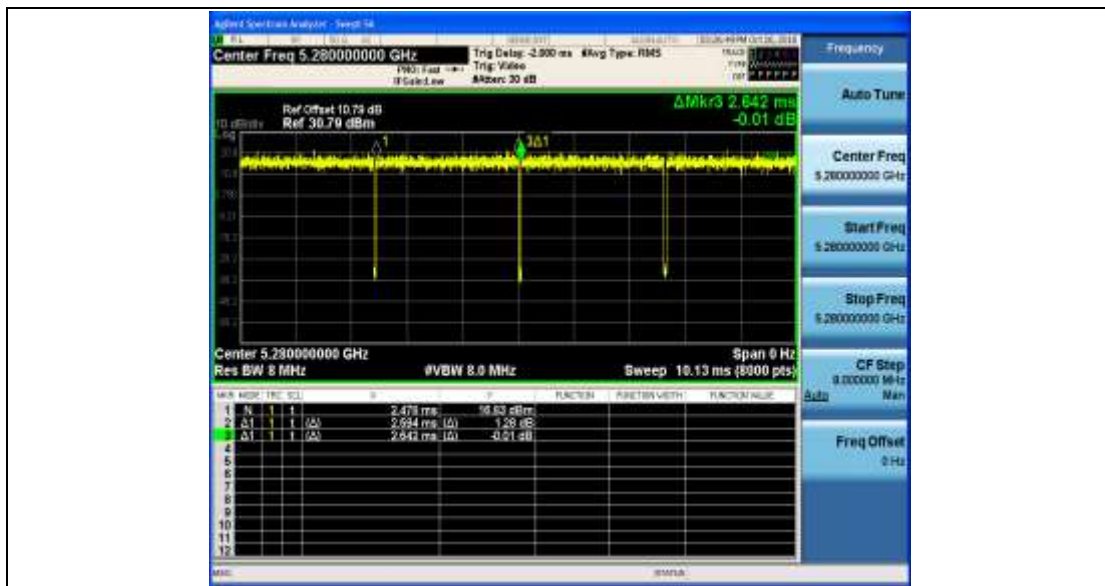
11N20SISO\_Ant1\_5240



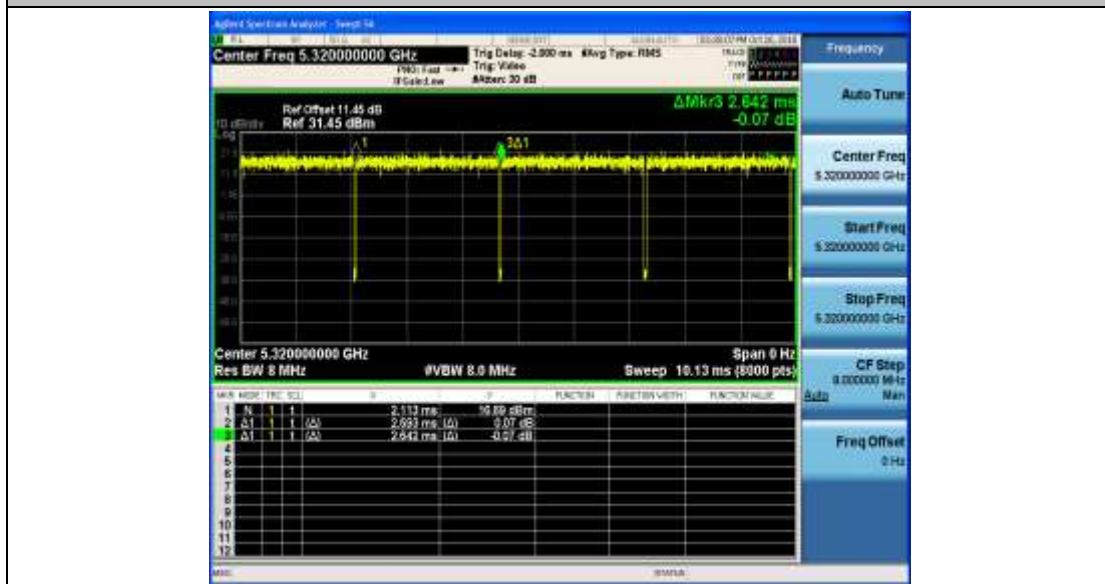
11N20SISO\_Ant1\_5260



11N20SISO\_Ant1\_5280



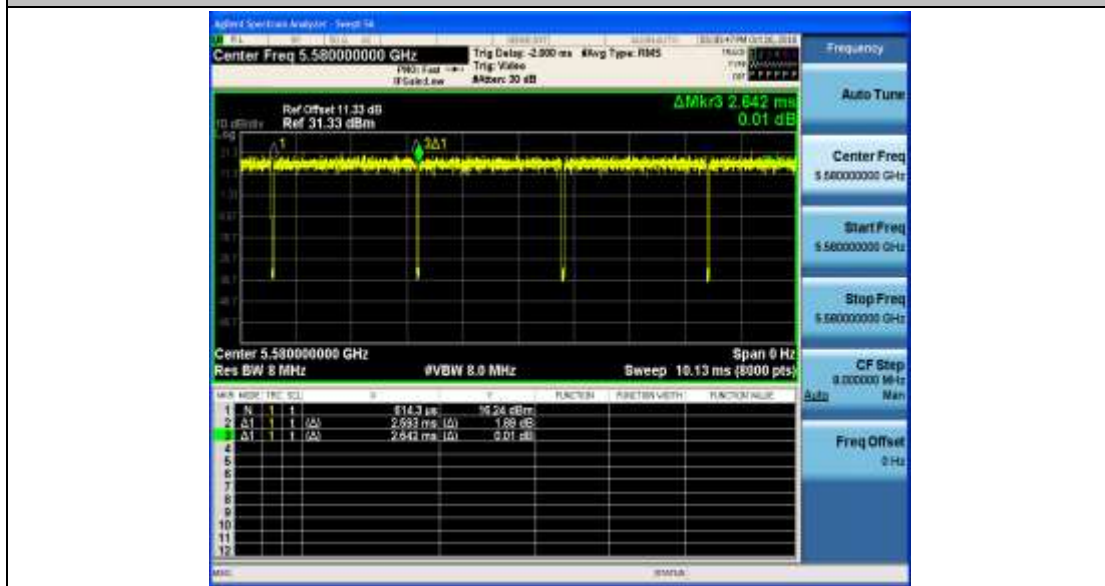
11N20SISO\_Ant1\_5320



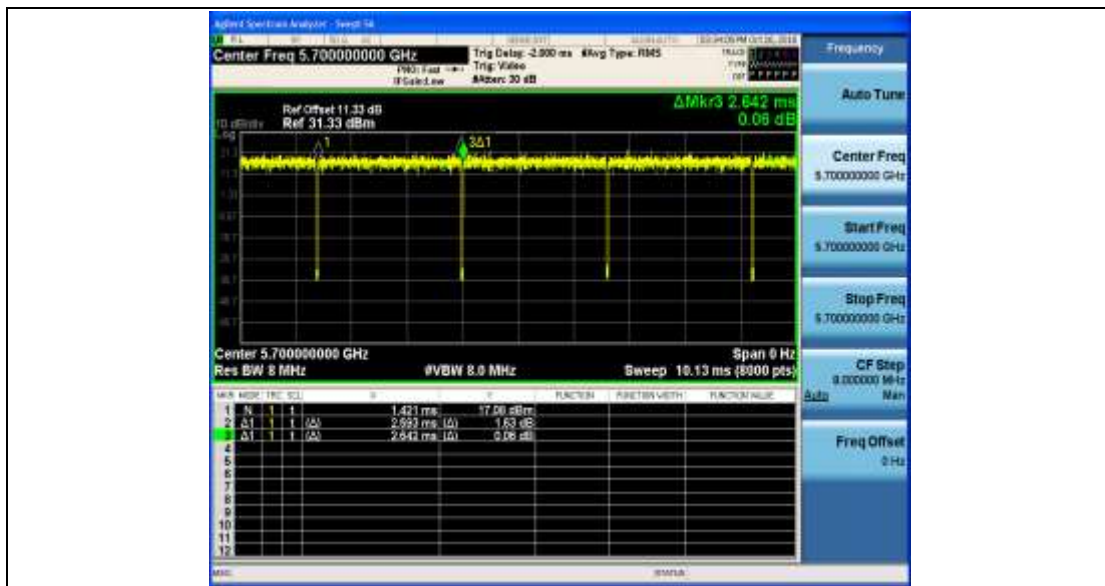
11N20SISO\_Ant1\_5500



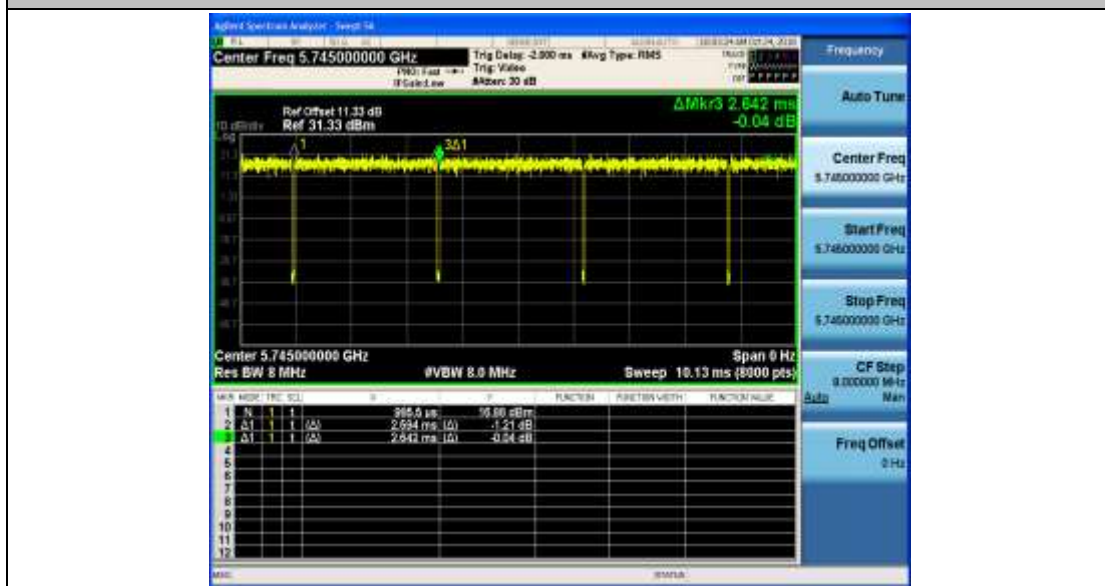
11N20SISO\_Ant1\_5580



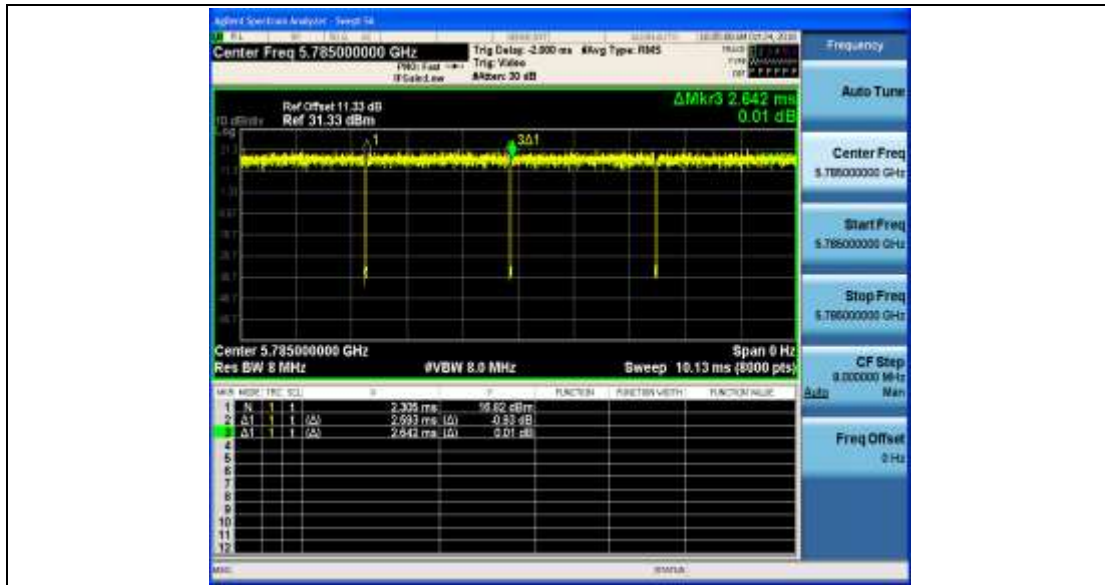
11N20SISO\_Ant1\_5700



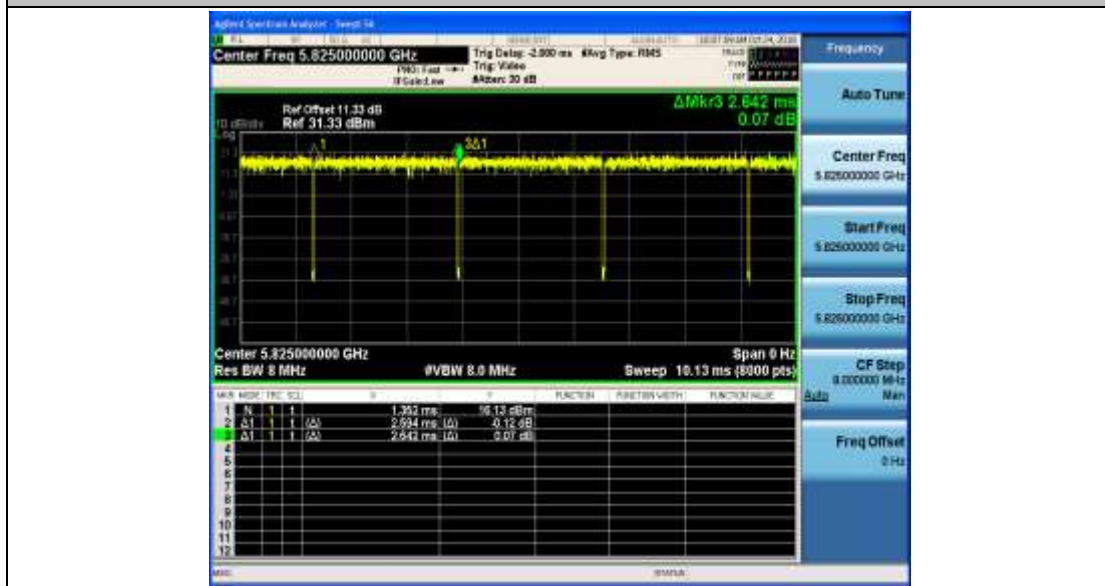
11N20SISO\_Ant1\_5745



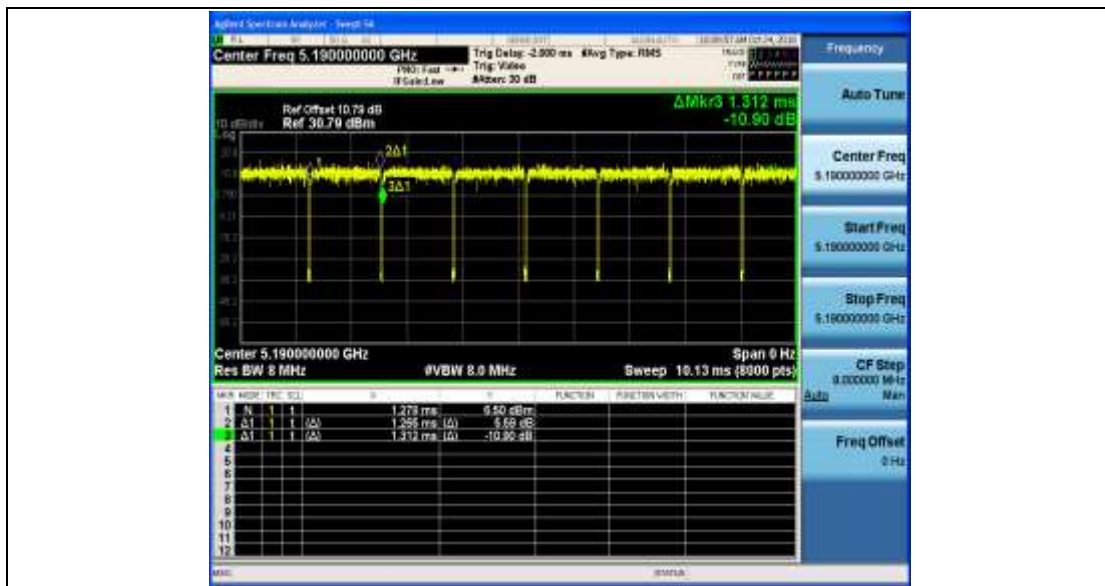
11N20SISO\_Ant1\_5785



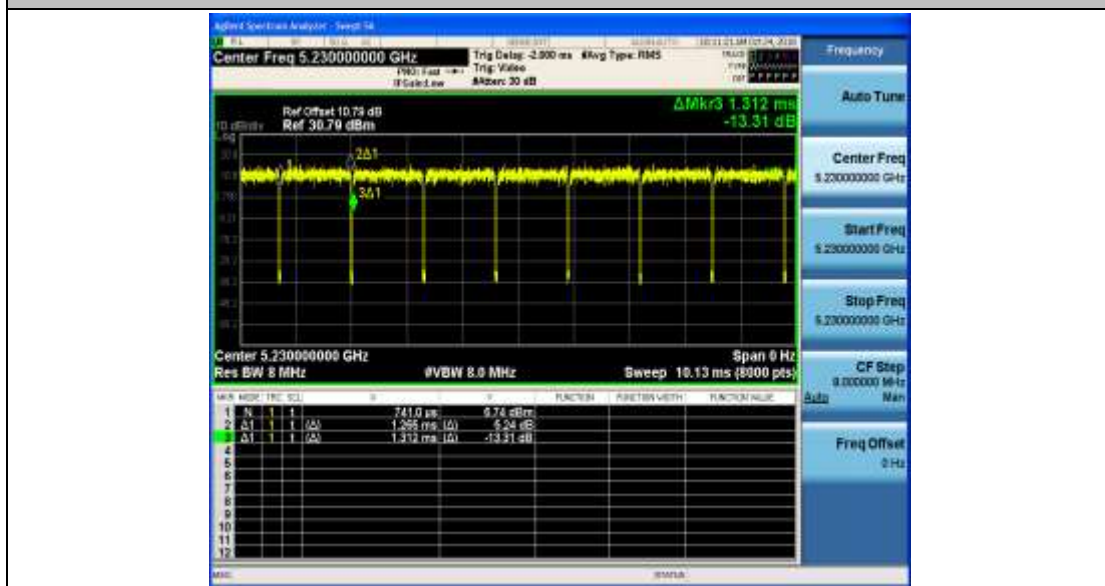
11N20SISO\_Ant1\_5825



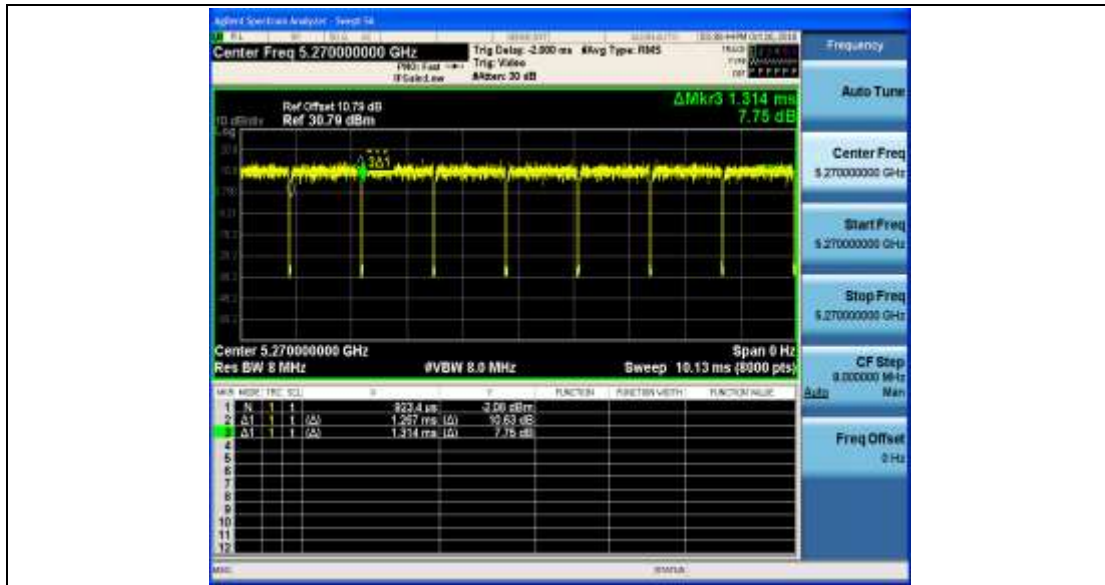
11N40SISO\_Ant1\_5190



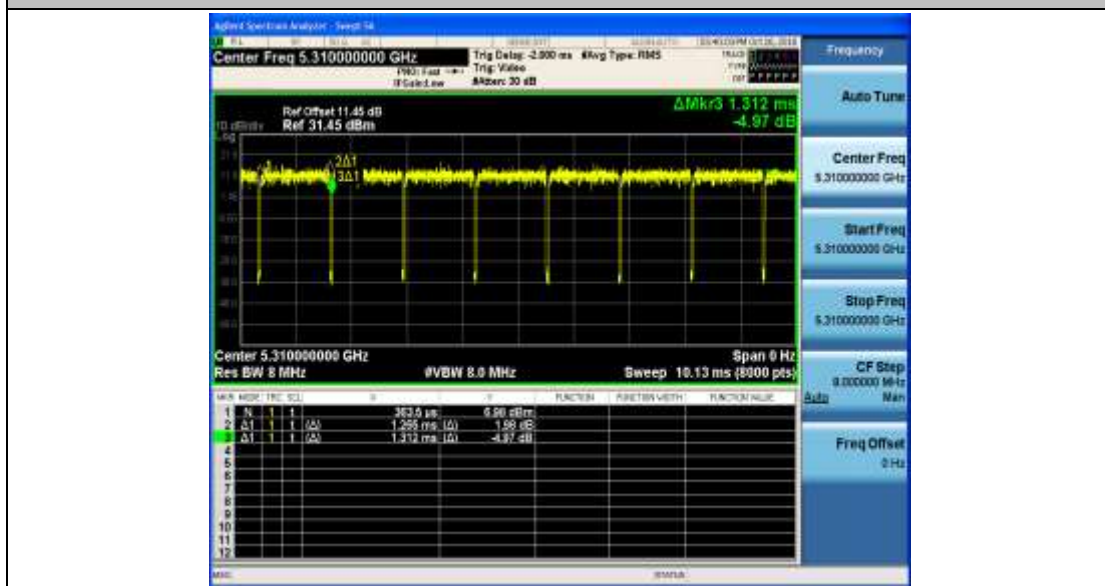
11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5270

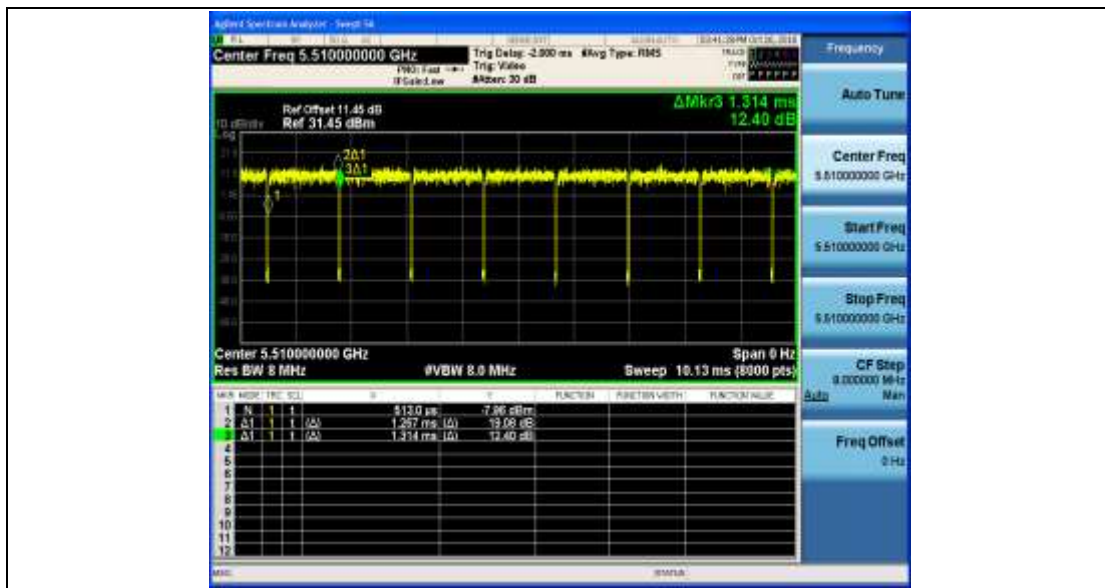


11N40SISO\_Ant1\_5310

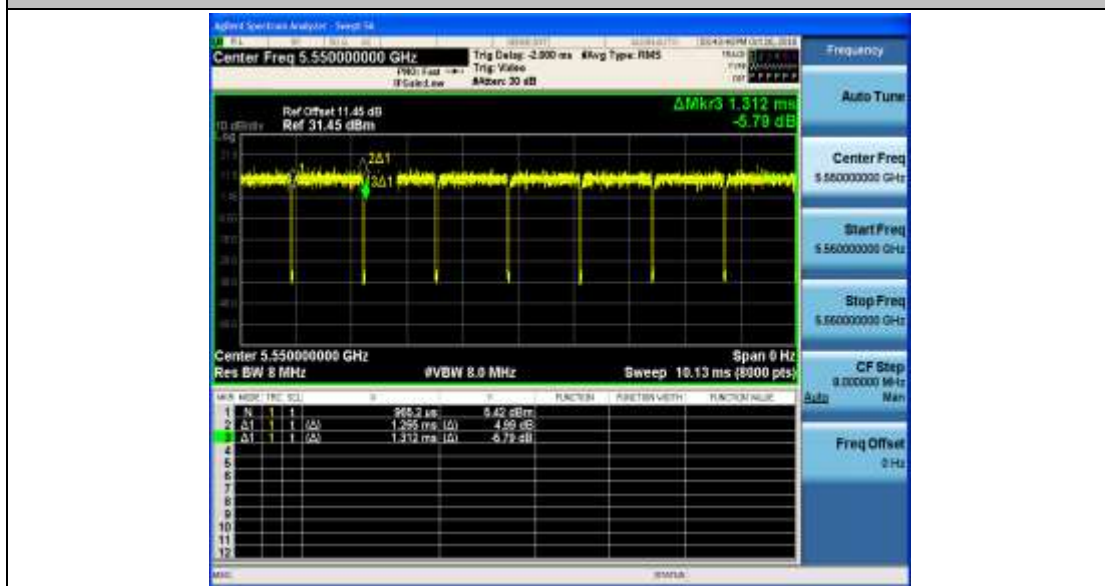


11N40SISO\_Ant1\_5510

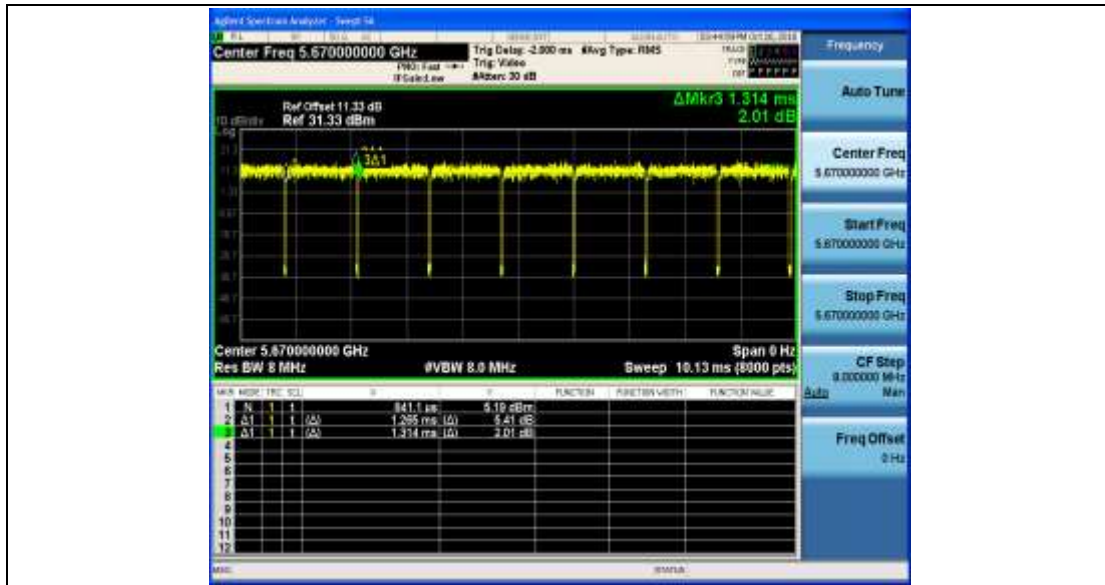




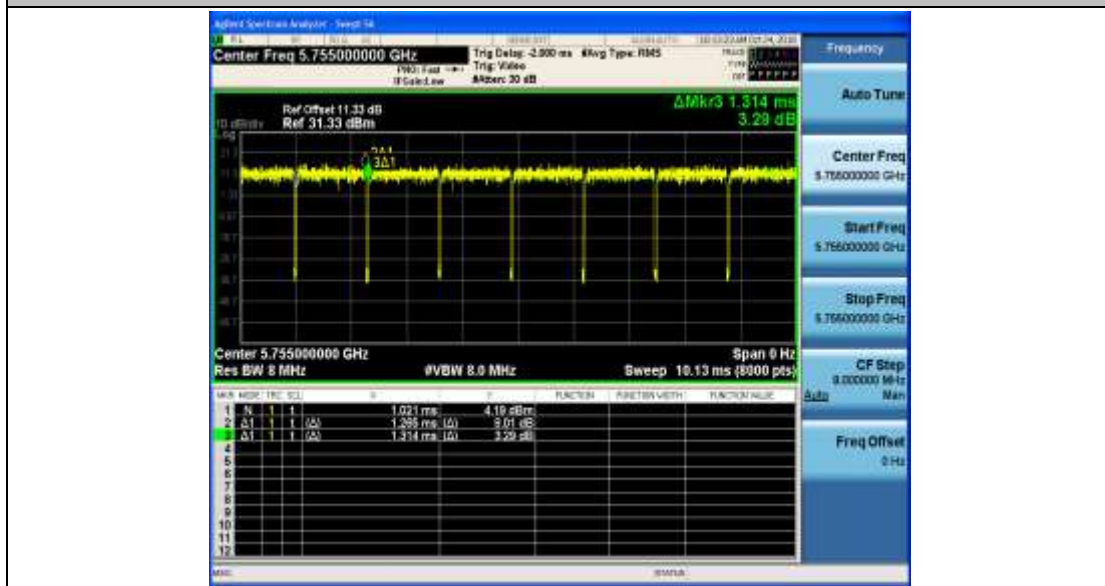
11N40SISO\_Ant1\_5550



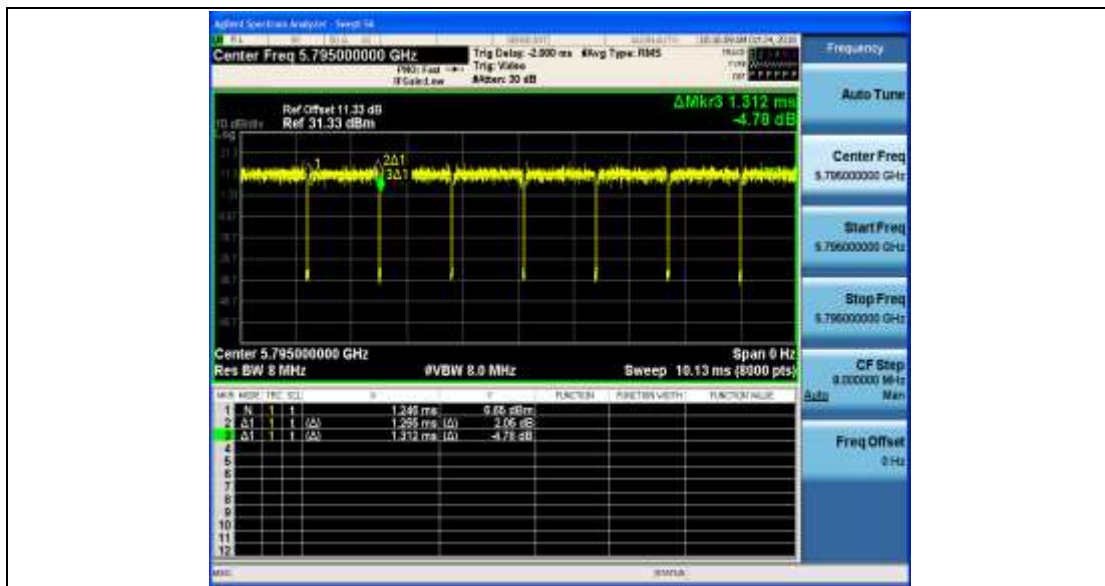
11N40SISO\_Ant1\_5670



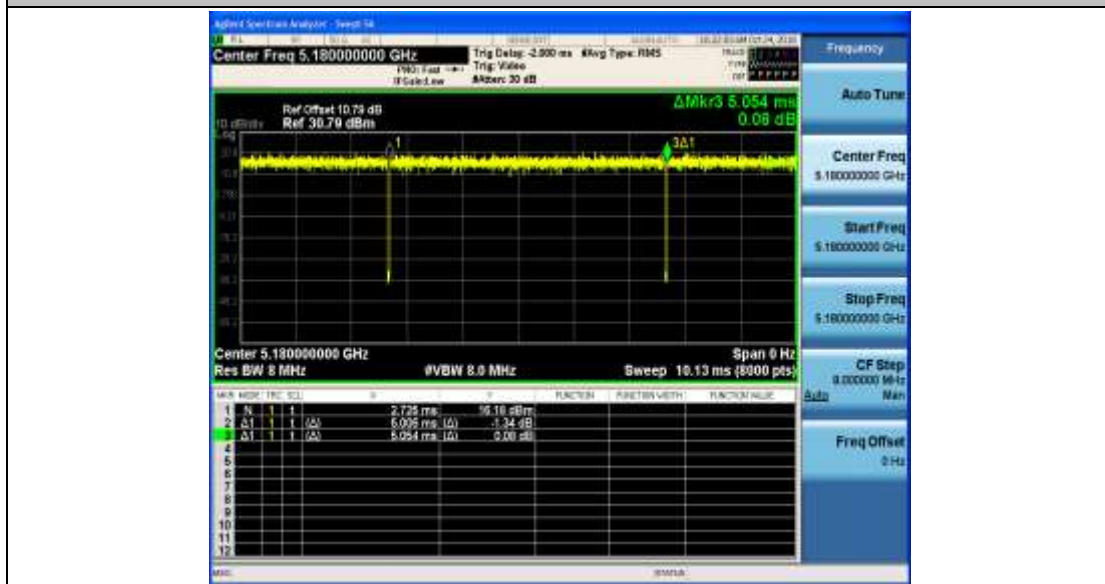
11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



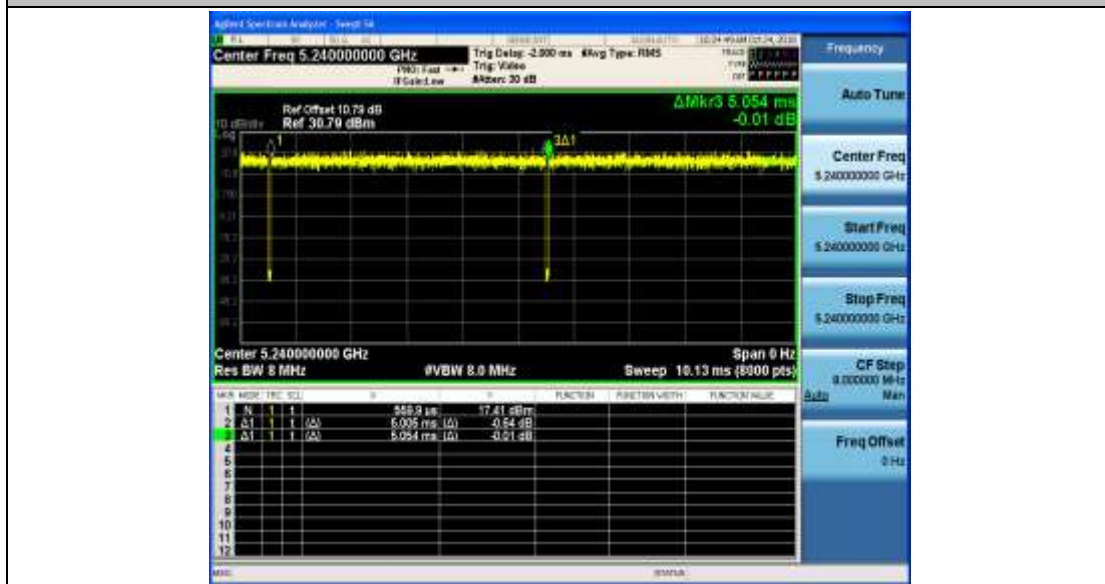
11AC20SISO\_Ant1\_5180



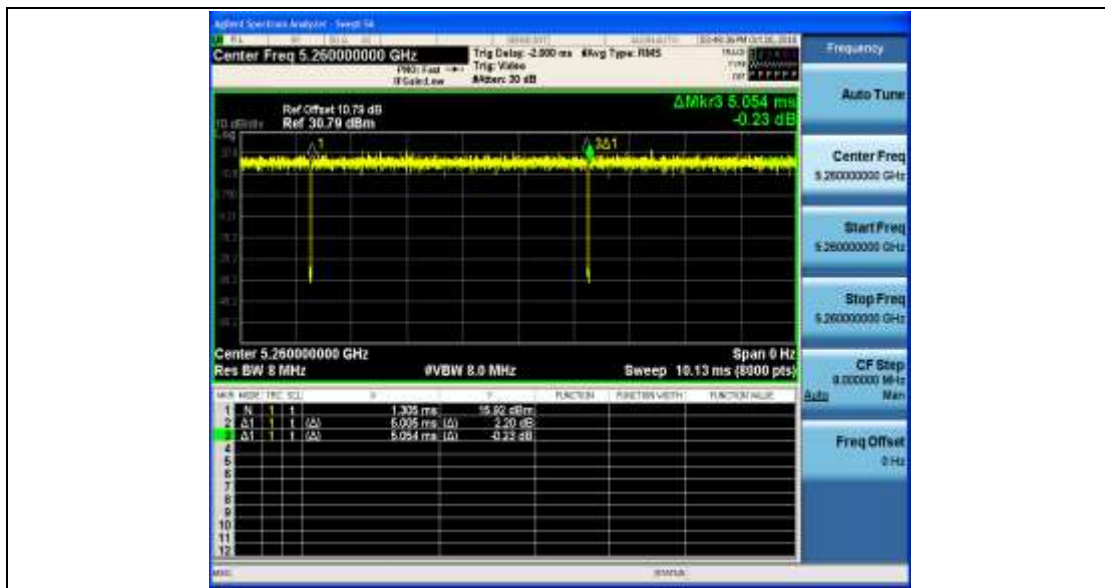
11AC20SISO\_Ant1\_5200



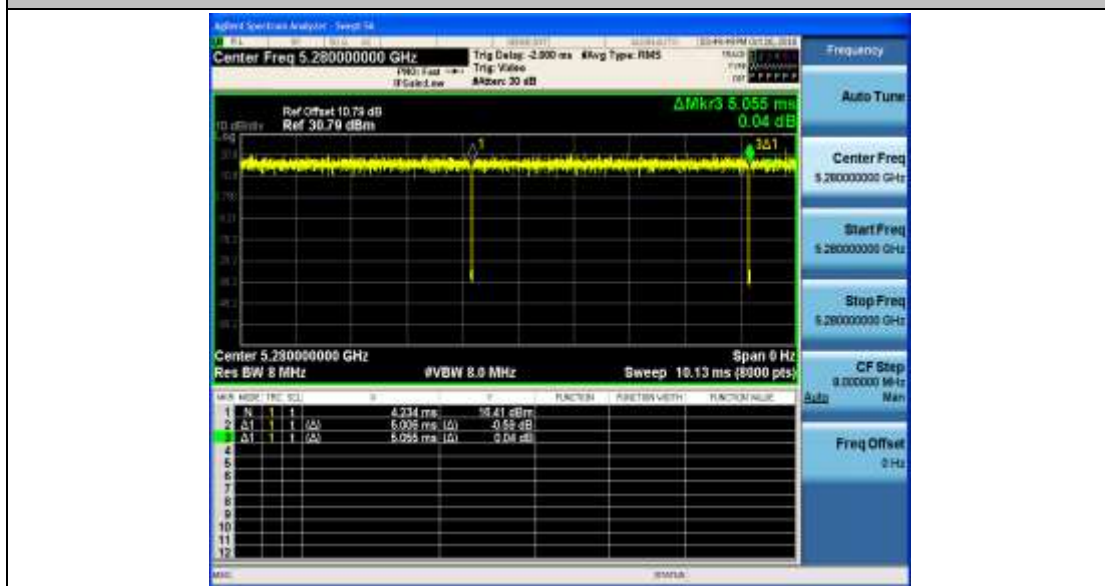
11AC20SISO\_Ant1\_5240



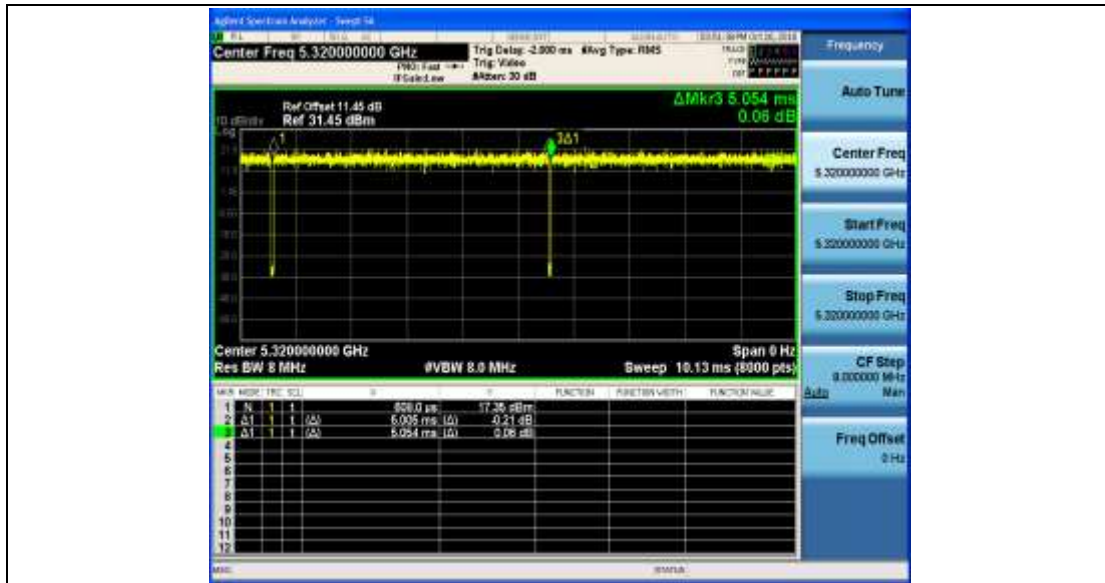
11AC20SISO\_Ant1\_5260



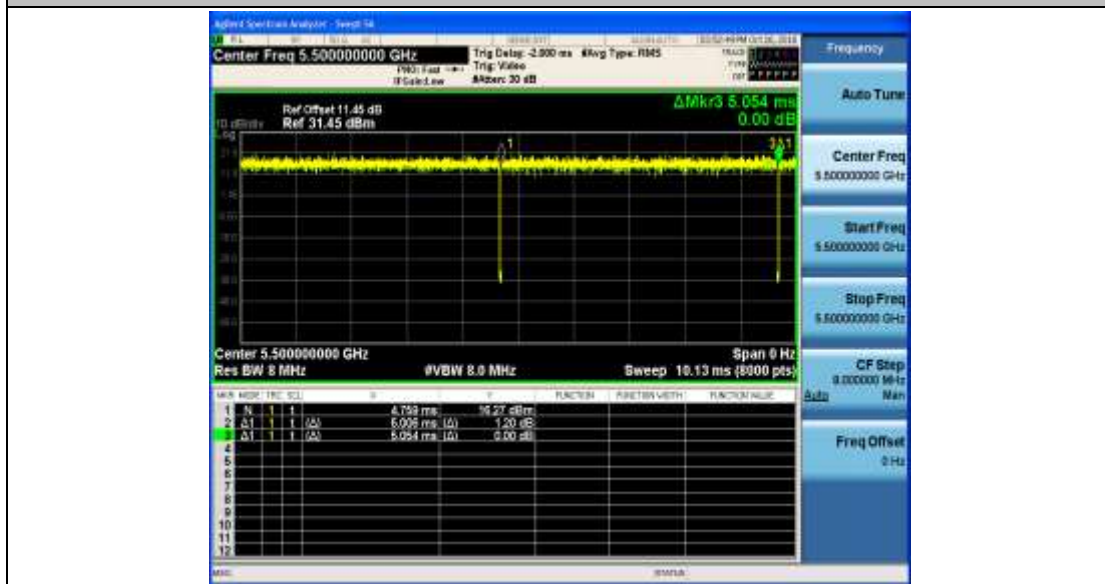
11AC20SISO\_Ant1\_5280



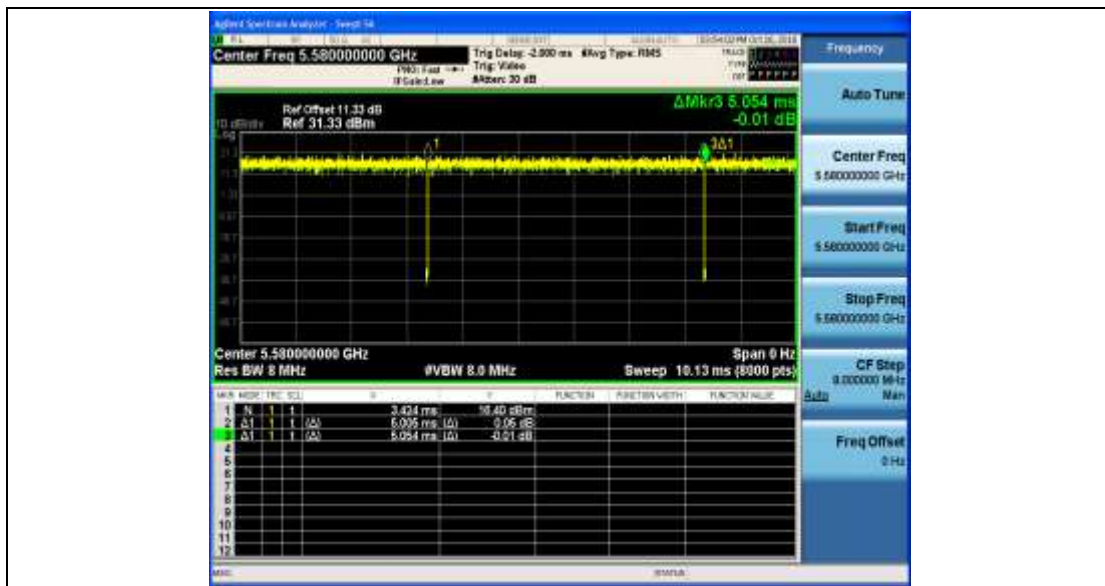
11AC20SISO\_Ant1\_5320



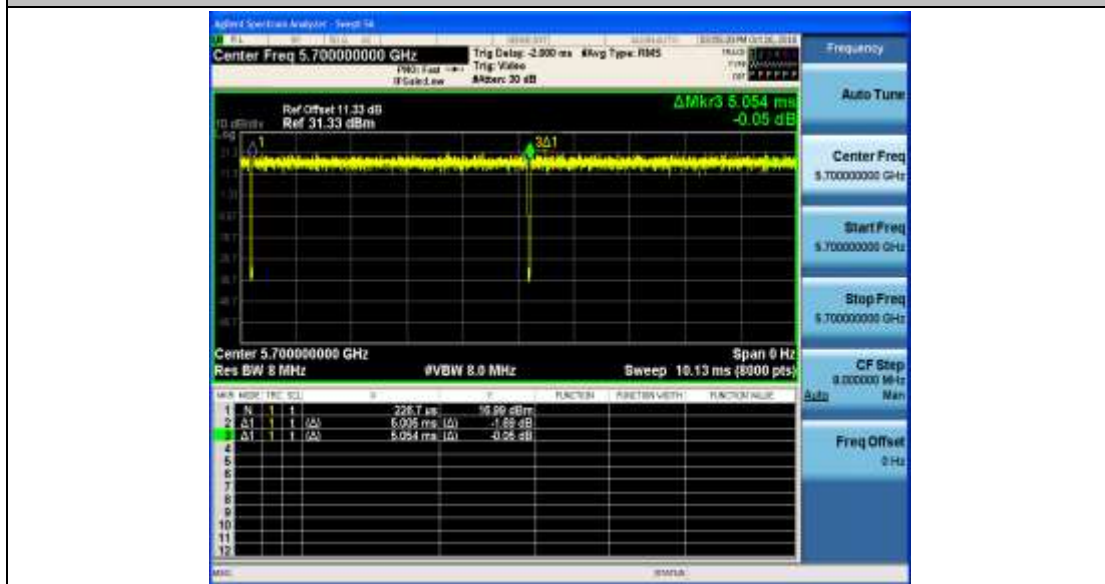
11AC20SISO\_Ant1\_5500



11AC20SISO\_Ant1\_5580



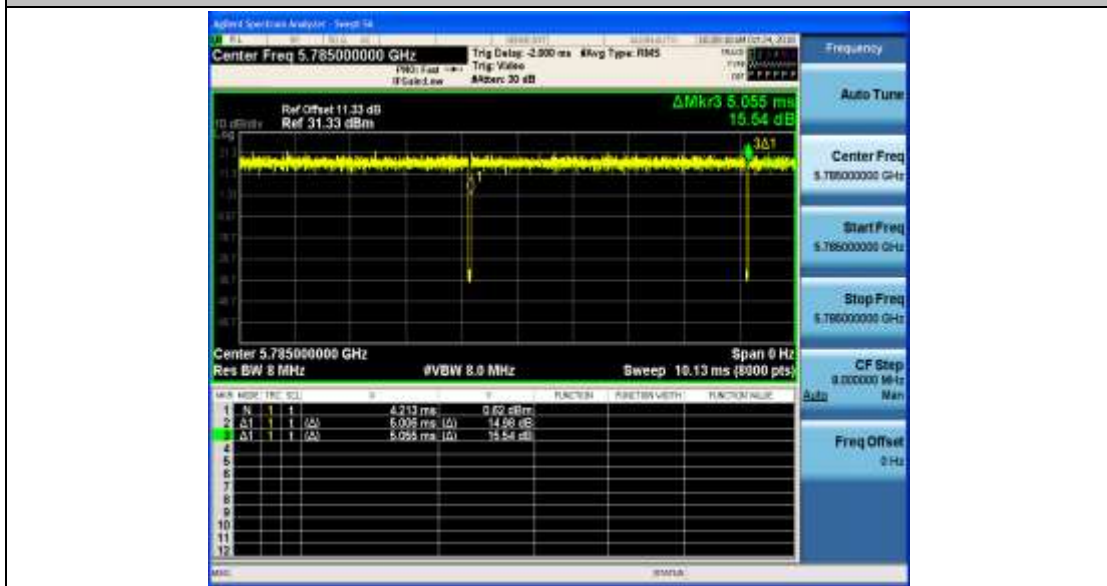
11AC20SISO\_Ant1\_5700



11AC20SISO\_Ant1\_5745

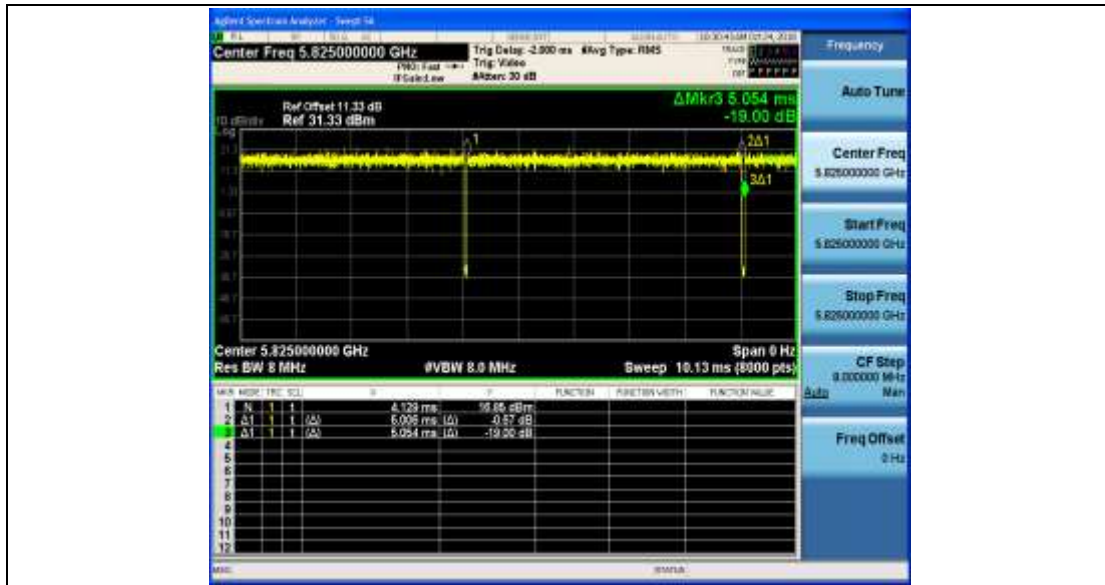


11AC20SISO\_Ant1\_5785

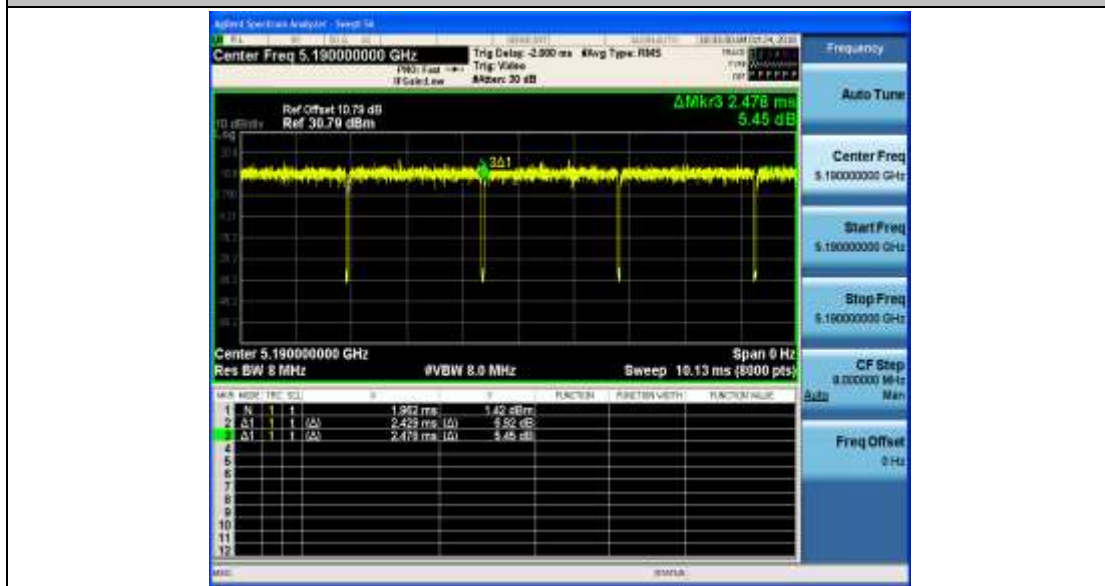


11AC20SISO\_Ant1\_5825

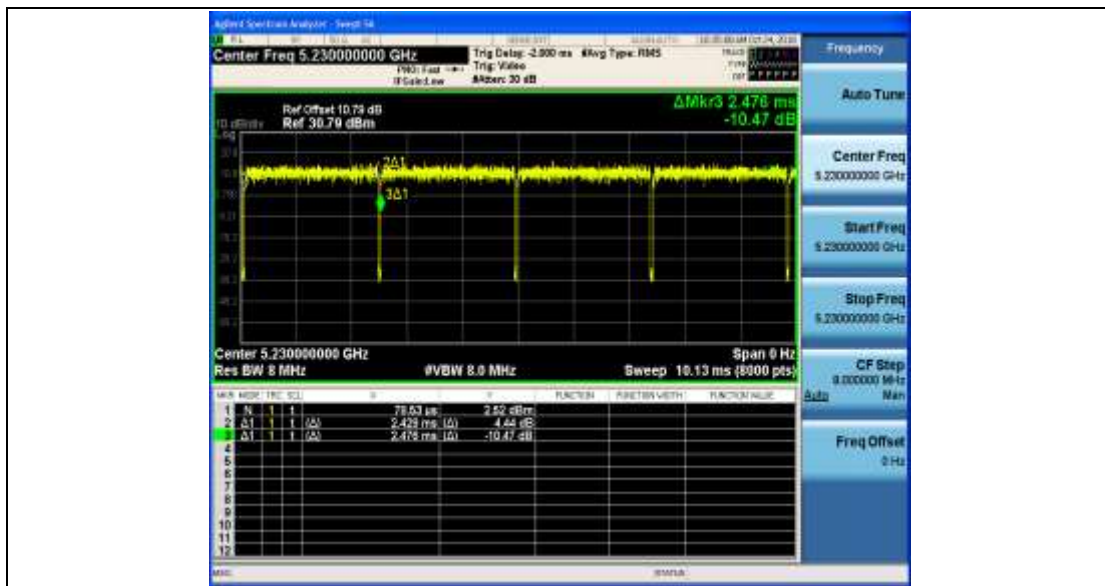




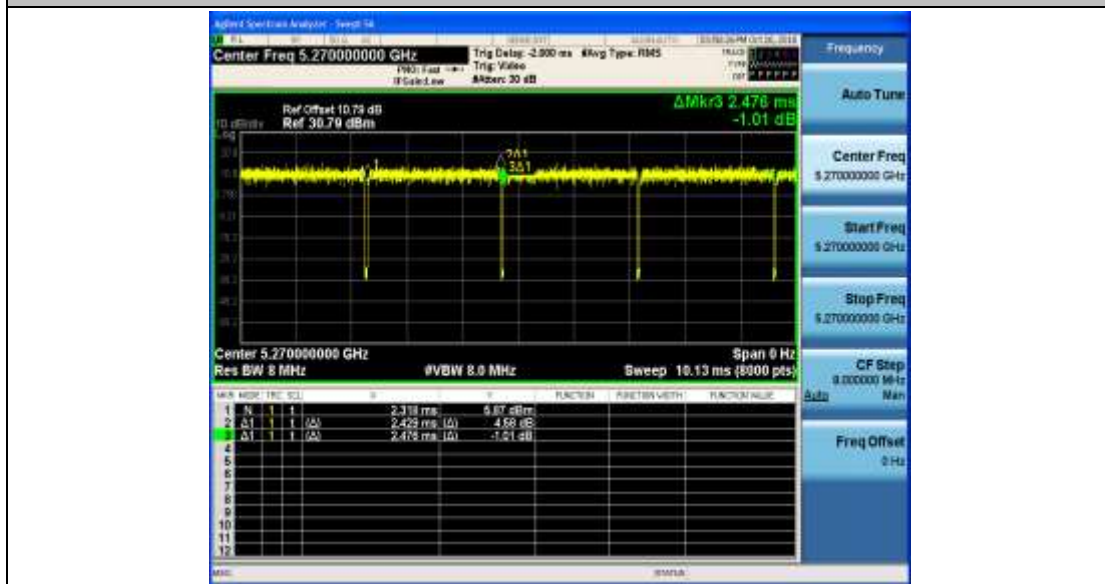
11AC40SISO\_Ant1\_5190



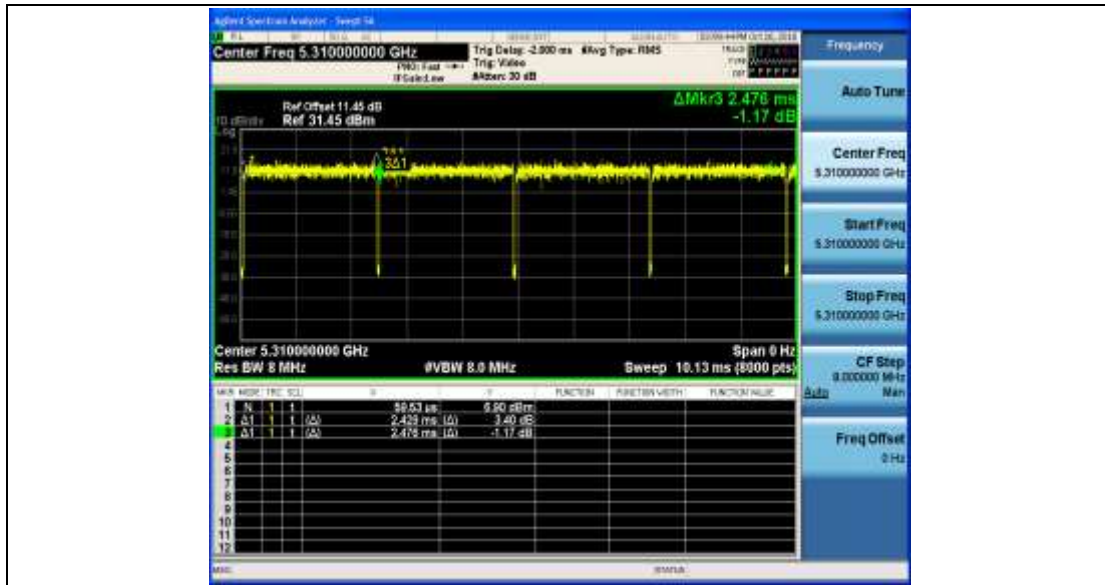
11AC40SISO\_Ant1\_5230



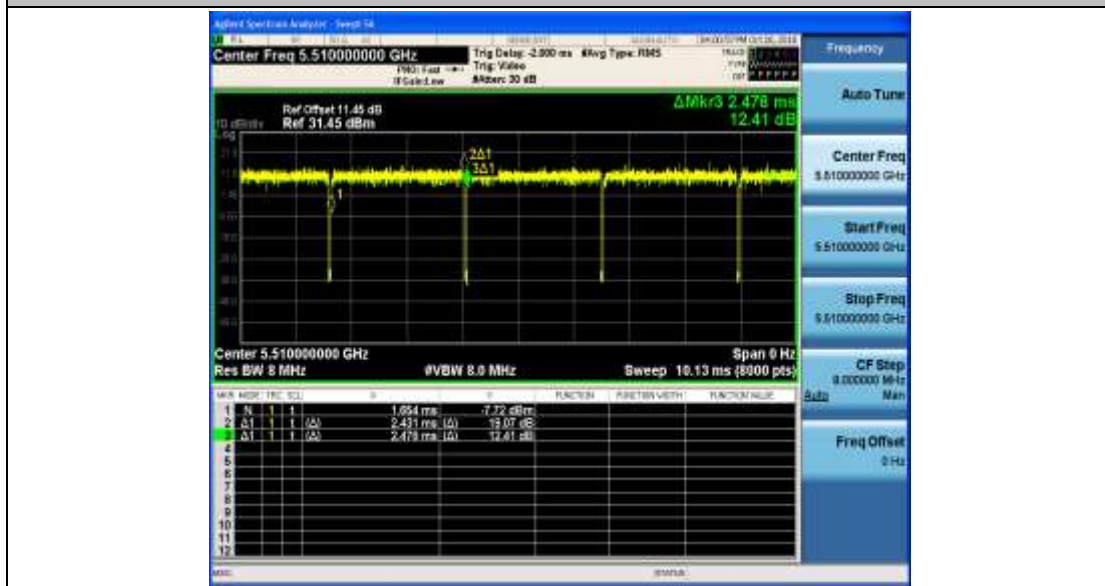
11AC40SISO\_Ant1\_5270



11AC40SISO\_Ant1\_5310



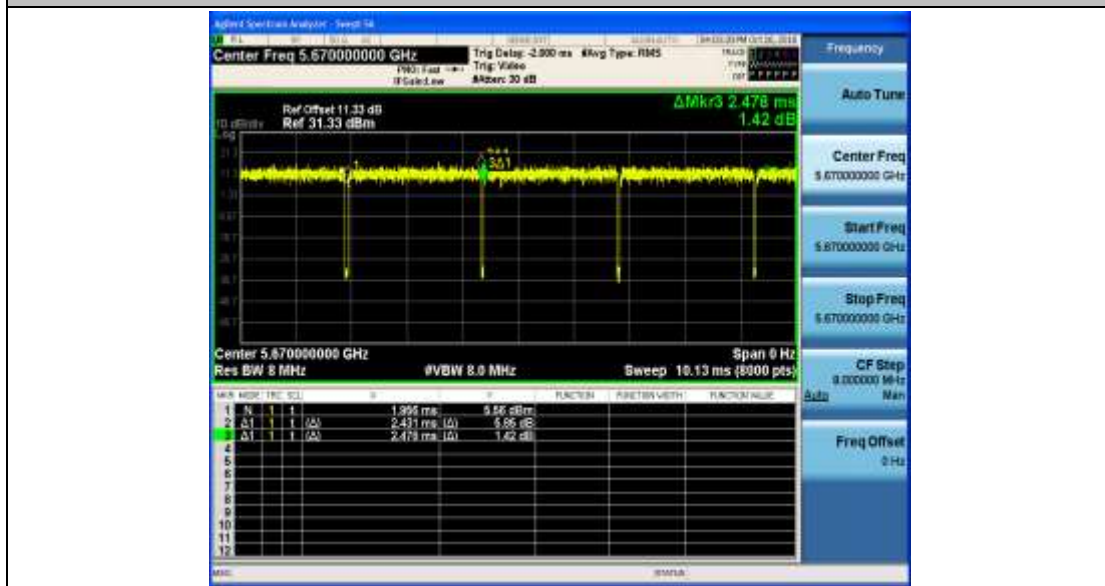
11AC40SISO\_Ant1\_5510



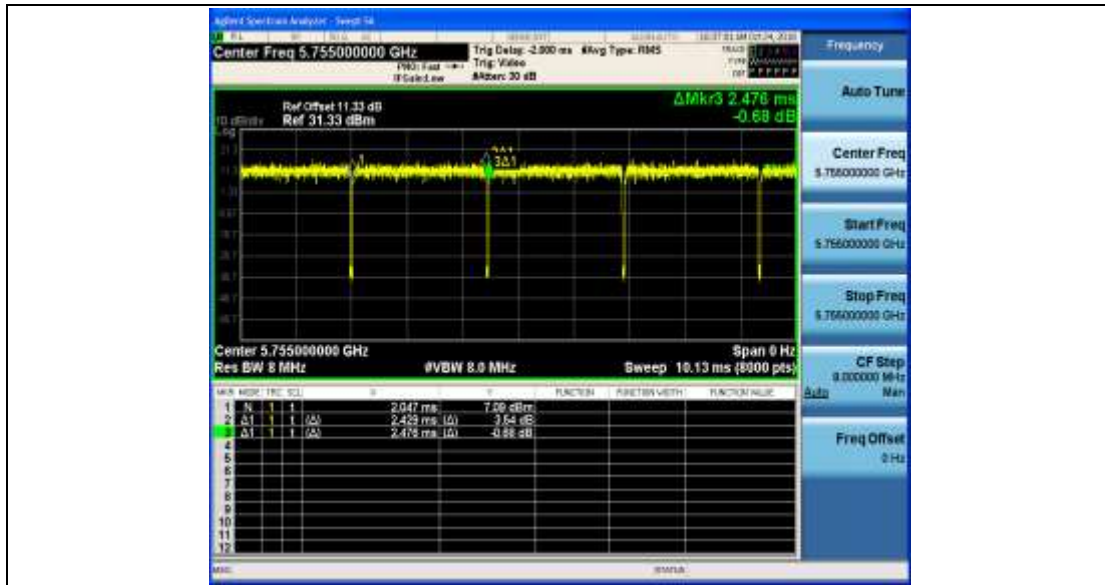
11AC40SISO\_Ant1\_5550



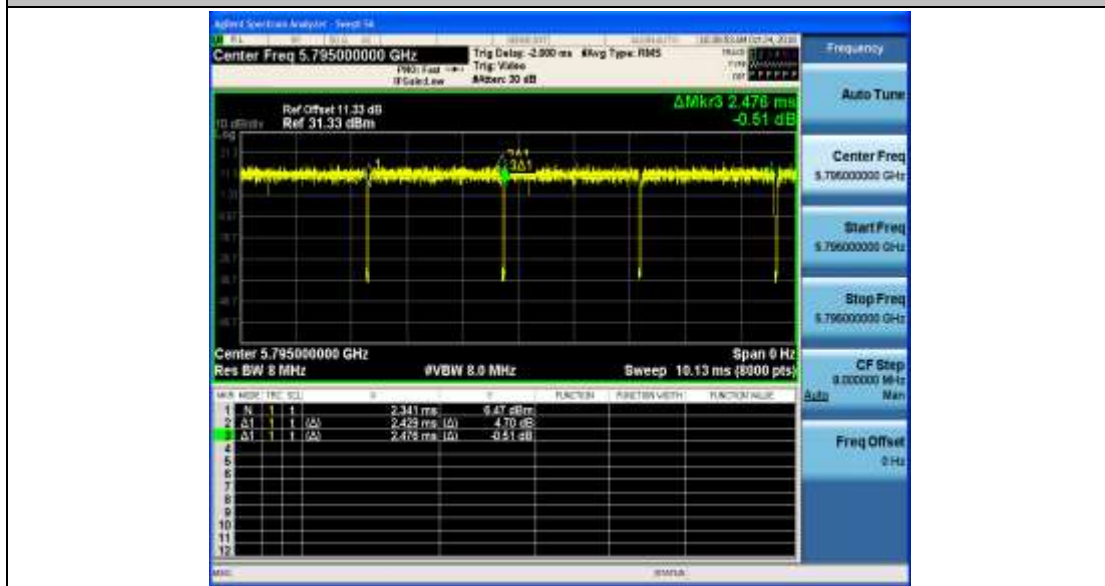
11AC40SISO\_Ant1\_5670



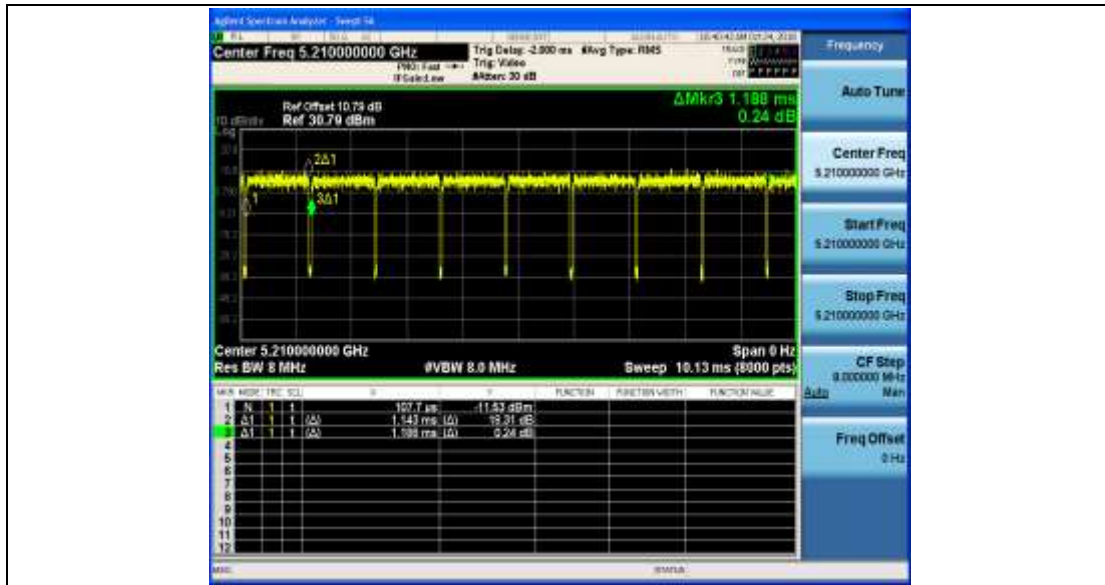
11AC40SISO\_Ant1\_5755



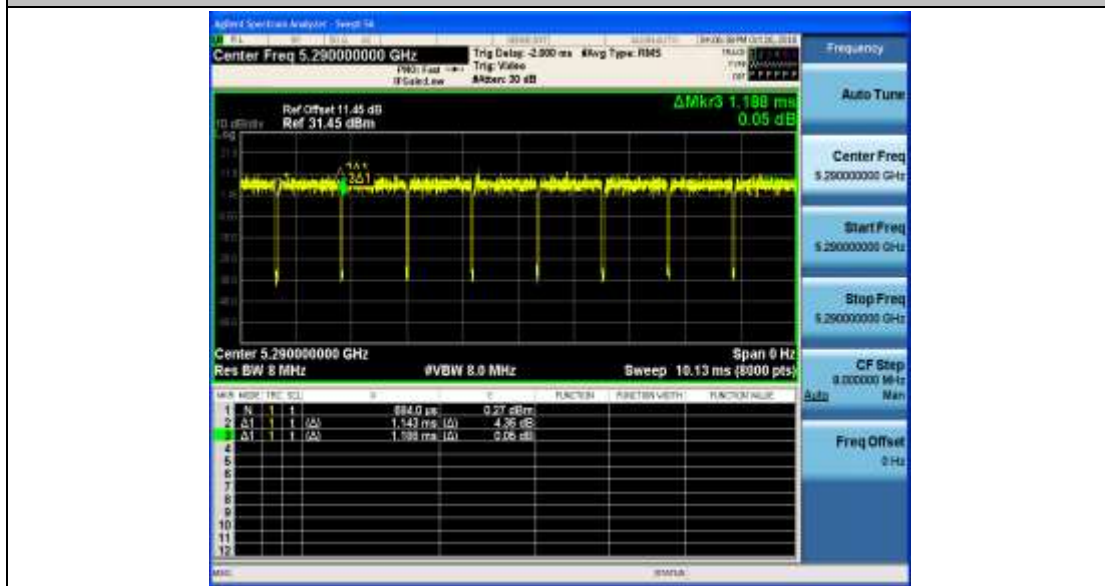
11AC40SISO\_Ant1\_5795



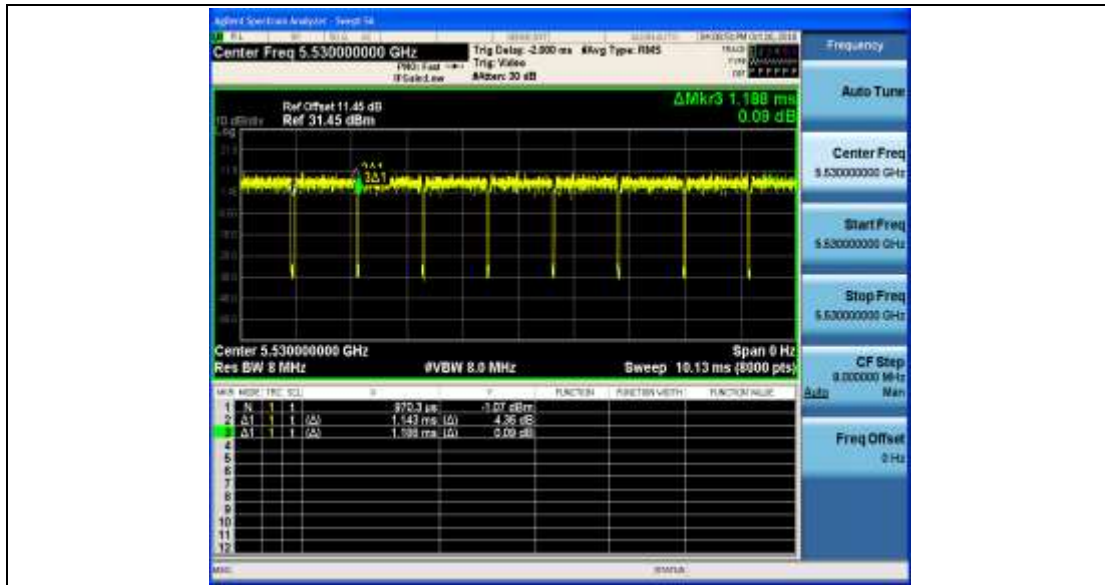
11AC80SISO\_Ant1\_5210



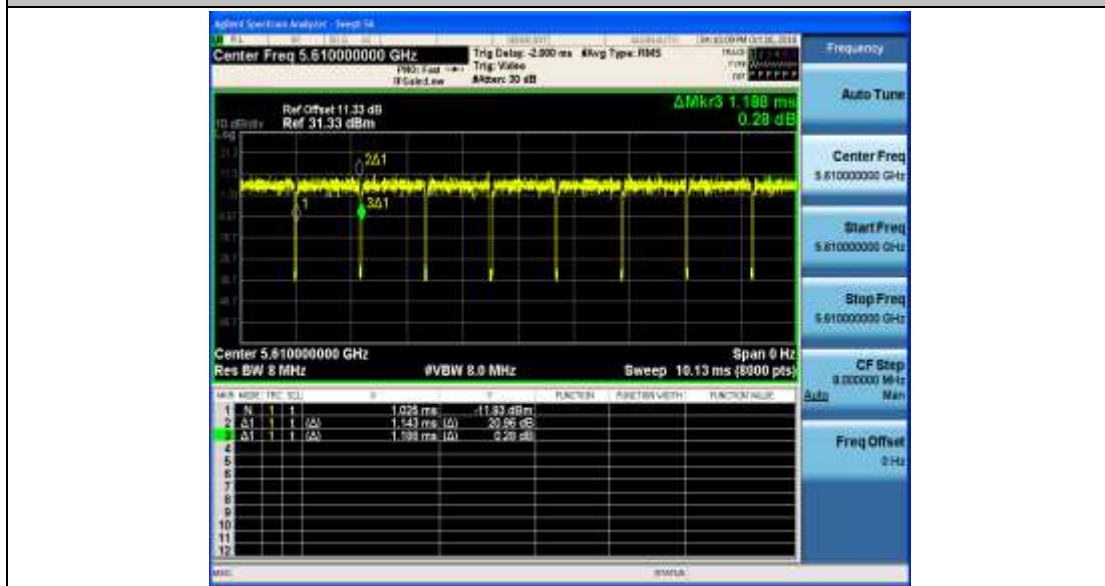
11AC80SISO\_Ant1\_5290



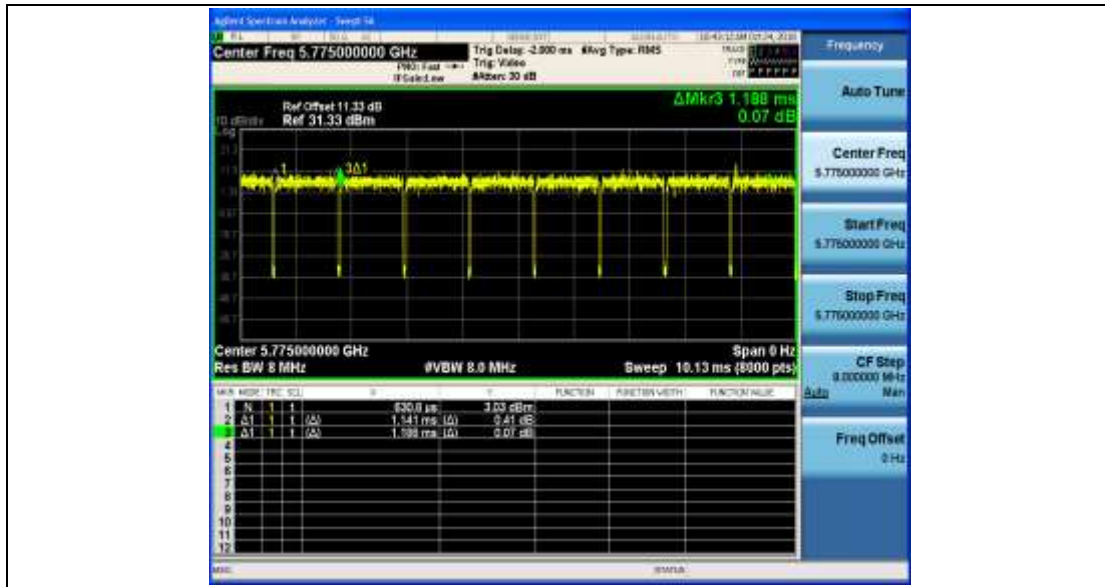
11AC80SISO\_Ant1\_5530



11AC80SISO\_Ant1\_5610



11AC80SISO\_Ant1\_5775







## Appendix D: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	16.58	23.98	PASS
		5200	17.90	23.98	PASS
		5240	17.74	23.98	PASS
		5260	15.70	23.90	PASS
		5280	15.93	23.85	PASS
		5320	16.15	23.94	PASS
		5500	16.21	23.89	PASS
		5580	15.92	23.87	PASS
		5700	16.08	23.90	PASS
		5745	17.66	30	PASS
		5785	17.54	30	PASS
		5825	17.25	30	PASS
11N20SISO	Ant1	5180	14.58	23.98	PASS
		5200	14.71	23.98	PASS
		5240	14.98	23.98	PASS
		5260	14.71	23.98	PASS
		5280	14.97	23.98	PASS
		5320	15.36	23.98	PASS
		5500	15.32	23.98	PASS
		5580	15.05	23.98	PASS
		5700	15.44	23.98	PASS
		5745	16.24	30	PASS
		5785	16.18	30	PASS
		5825	15.86	30	PASS
11N40SISO	Ant1	5190	12.47	23.98	PASS
		5230	12.64	23.98	PASS
		5270	12.54	23.98	PASS
		5310	13.07	23.98	PASS
		5510	12.82	23.98	PASS
		5550	12.44	23.98	PASS
		5670	13.23	23.98	PASS
		5755	14.27	30	PASS



		5795	14.21	30	PASS
11AC20SISO	Ant1	5180	14.32	23.98	PASS
		5200	14.58	23.98	PASS
		5240	14.93	23.98	PASS
		5260	15.50	23.98	PASS
		5280	15.71	23.98	PASS
		5320	16.09	23.98	PASS
		5500	15.79	23.98	PASS
		5580	15.78	23.98	PASS
		5700	16.08	23.98	PASS
		5745	16.14	30	PASS
		5785	16.07	30	PASS
		5825	15.95	30	PASS
		11AC40SISO	Ant1	5190	14.12
5230	14.11			23.98	PASS
5270	13.22			23.98	PASS
5310	13.64			23.98	PASS
5510	13.42			23.98	PASS
5550	13.03			23.98	PASS
5670	13.82			23.98	PASS
5755	14.19			30	PASS
5795	14.12			30	PASS
11AC80SISO	Ant1	5210	12.73	23.98	PASS
		5290	12.09	23.98	PASS
		5530	12.46	23.98	PASS
		5610	12.38	23.98	PASS
		5775	12.86	30	PASS

Note: The Duty Cycle Factor is compensated in the graph.



## Appendix E: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	10.29	11	PASS
		5200	10.58	11	PASS
		5240	10.16	11	PASS
		5260	10.2	11	PASS
		5280	9.9	11	PASS
		5320	9.82	11	PASS
		5500	9.72	11	PASS
		5580	9.48	11	PASS
		5700	10.14	11	PASS
		5745	8.25	30	PASS
		5785	9.99	30	PASS
		5825	9.26	30	PASS
11N20SISO	Ant1	5180	9.8	11	PASS
		5200	10.02	11	PASS
		5240	10.18	11	PASS
		5260	8.14	11	PASS
		5280	8.73	11	PASS
		5320	9.1	11	PASS
		5500	8.64	11	PASS
		5580	7.74	11	PASS
		5700	9.18	11	PASS
		5745	8.75	30	PASS
		5785	8.12	30	PASS
		5825	8.34	30	PASS
11N40SISO	Ant1	5190	3.76	11	PASS
		5230	4.46	11	PASS
		5270	2.57	11	PASS
		5310	4.74	11	PASS
		5510	4.8	11	PASS
		5550	3.52	11	PASS
		5670	4.34	11	PASS
		5755	3.03	30	PASS

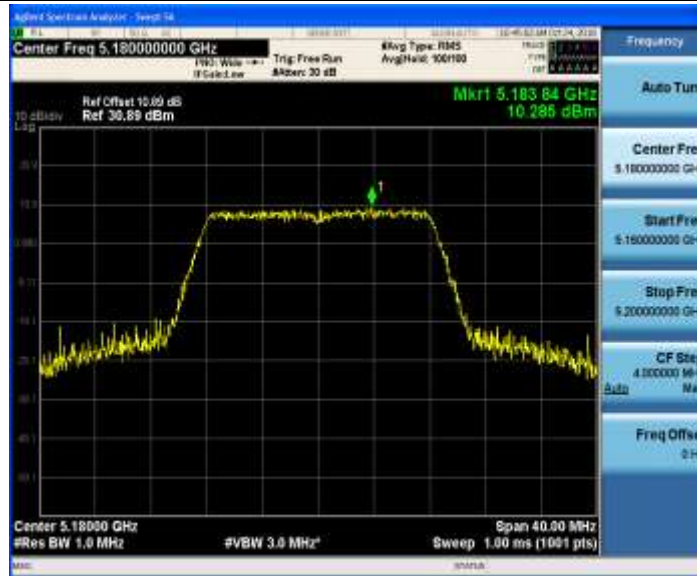


		5795	2.33	30	PASS
11AC20SISO	Ant1	5180	9.07	11	PASS
		5200	9.76	11	PASS
		5240	9.85	11	PASS
		5260	8.45	11	PASS
		5280	9.61	11	PASS
		5320	9.97	11	PASS
		5500	9.71	11	PASS
		5580	8.58	11	PASS
		5700	9.18	11	PASS
		5745	7.75	30	PASS
		5785	7.93	30	PASS
		5825	7.95	30	PASS
		11AC40SISO	Ant1	5190	4.1
5230	5.28			11	PASS
5270	4.23			11	PASS
5310	5.49			11	PASS
5510	3.45			11	PASS
5550	3.61			11	PASS
5670	5.65			11	PASS
5755	2.76			30	PASS
5795	2.36			30	PASS
11AC80SISO	Ant1	5210	1.1	11	PASS
		5290	-0.21	11	PASS
		5530	-0.16	11	PASS
		5610	0.44	11	PASS
		5775	-2.5	30	PASS

Note: The Duty Cycle Factor and RBW Factor (5725-5850) is compensated in the graph.

## Test Graphs

11A\_Ant1\_5180



11A\_Ant1\_5200



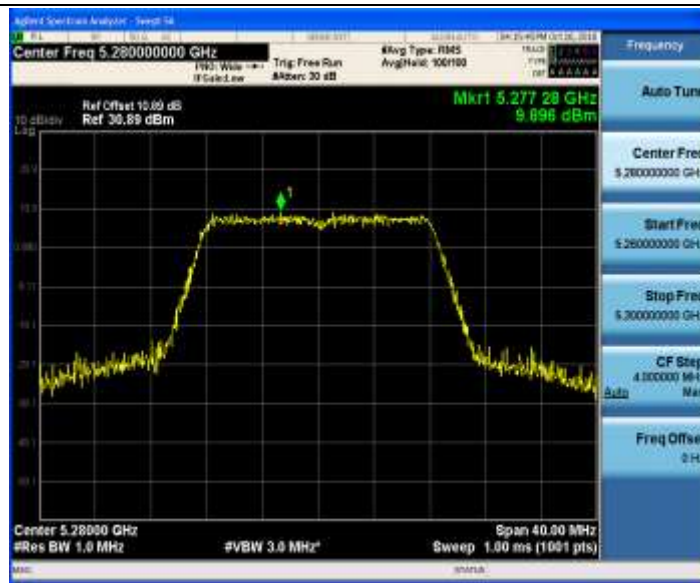
11A\_Ant1\_5240



11A\_Ant1\_5260



11A\_Ant1\_5280



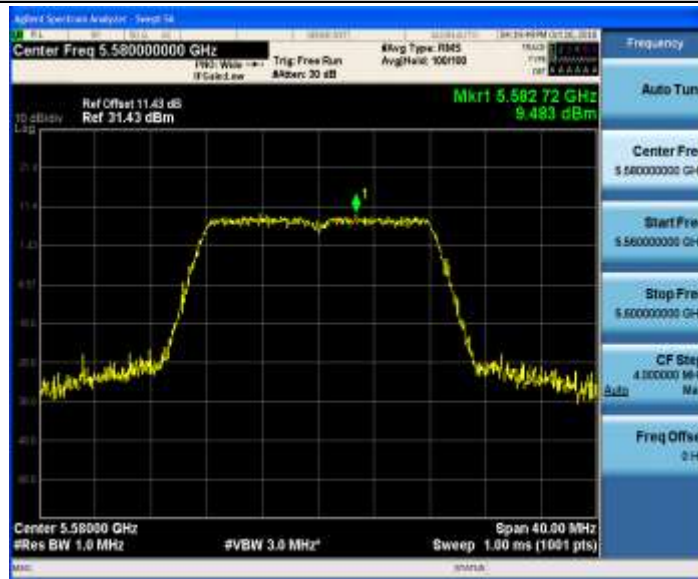
11A\_Ant1\_5320



11A\_Ant1\_5500

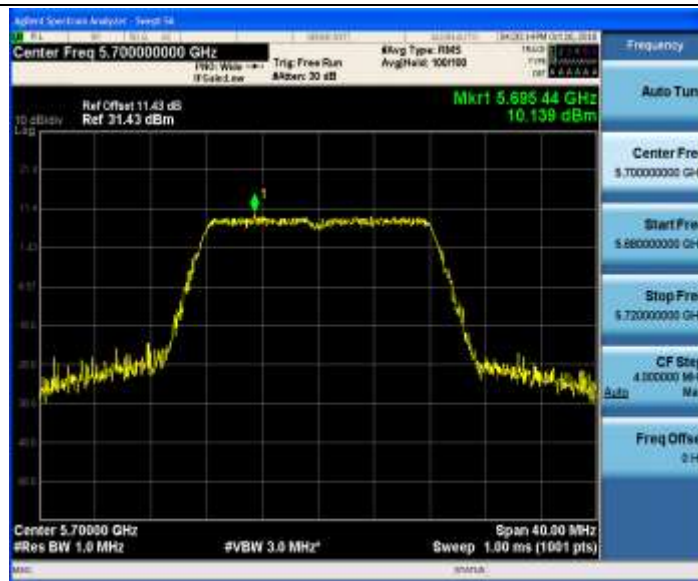


11A\_Ant1\_5580



11A\_Ant1\_5700





11A\_Ant1\_5745



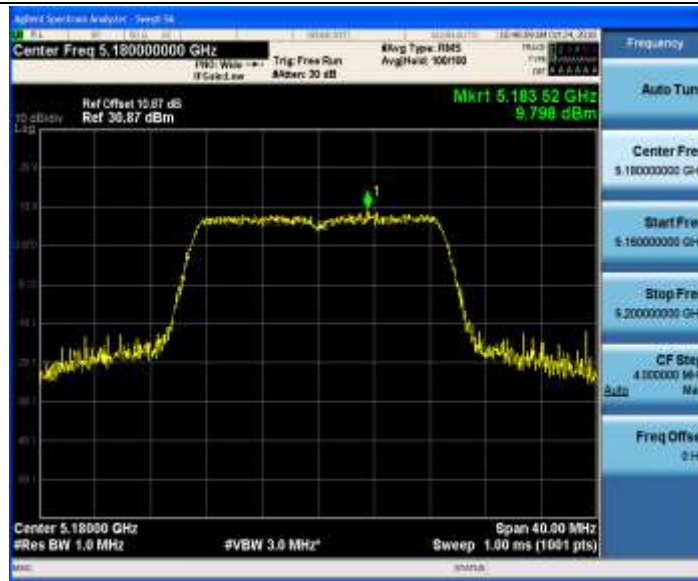
11A\_Ant1\_5785



11A\_Ant1\_5825



11N20SISO\_Ant1\_5180



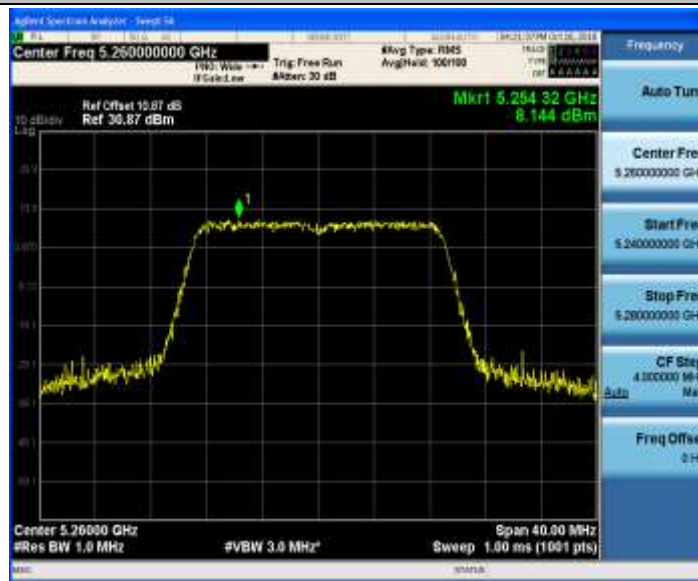
11N20SISO\_Ant1\_5200



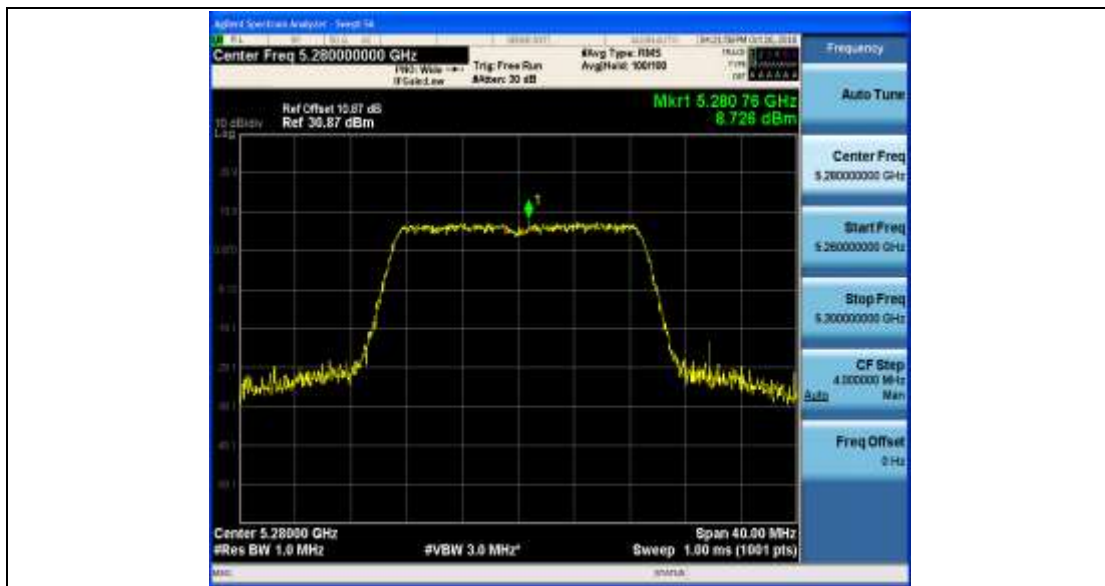
11N20SISO\_Ant1\_5240



11N20SISO\_Ant1\_5260



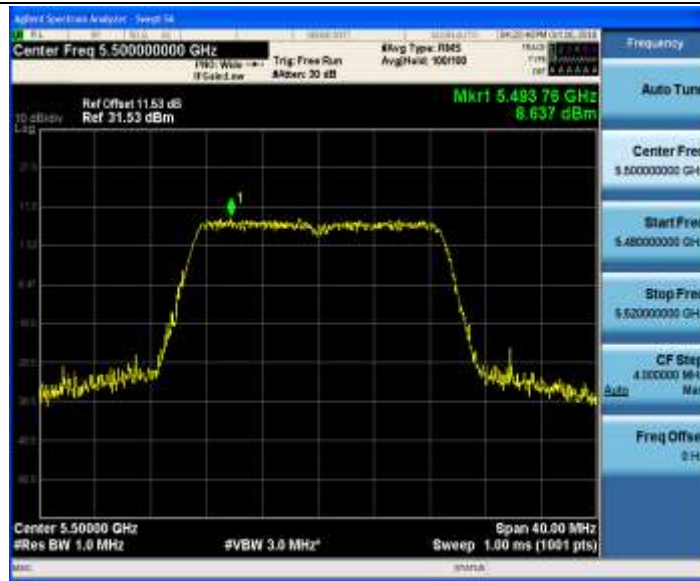
11N20SISO\_Ant1\_5280



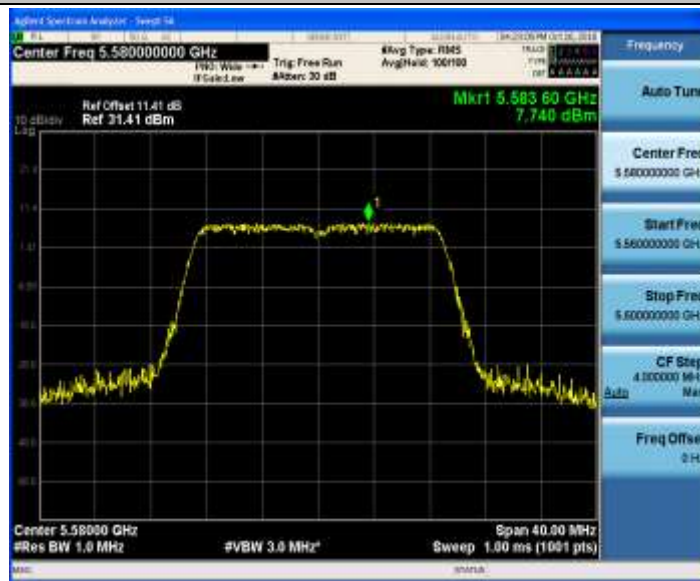
11N20SISO\_Ant1\_5320



11N20SISO\_Ant1\_5500



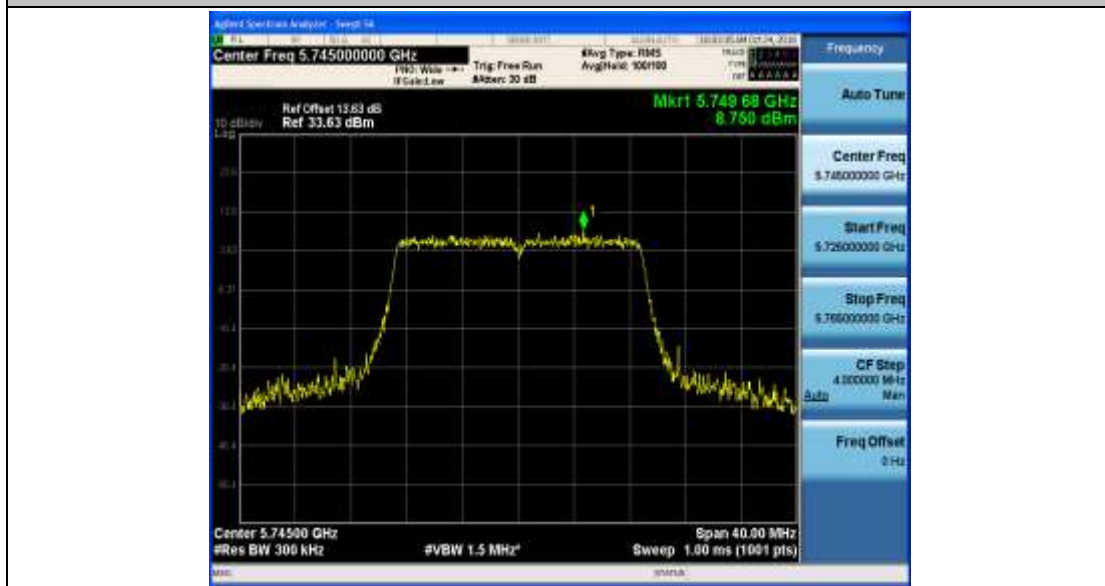
11N20SISO\_Ant1\_5580



11N20SISO\_Ant1\_5700



11N20SISO\_Ant1\_5745



11N20SISO\_Ant1\_5785

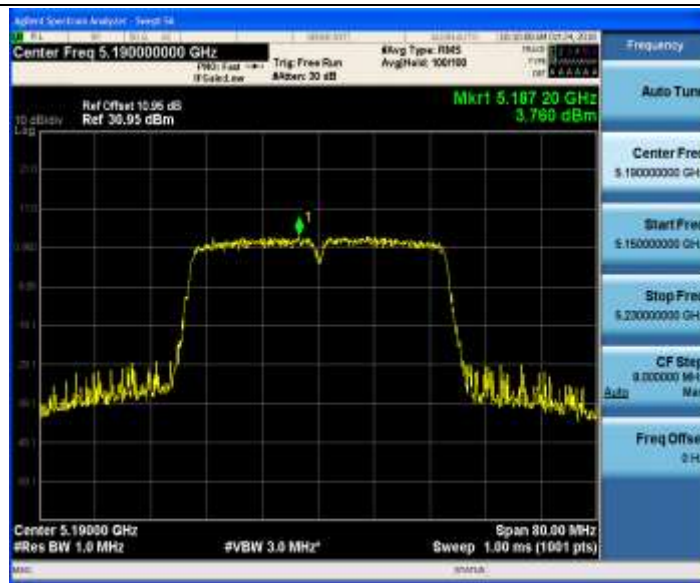


11N20SISO\_Ant1\_5825

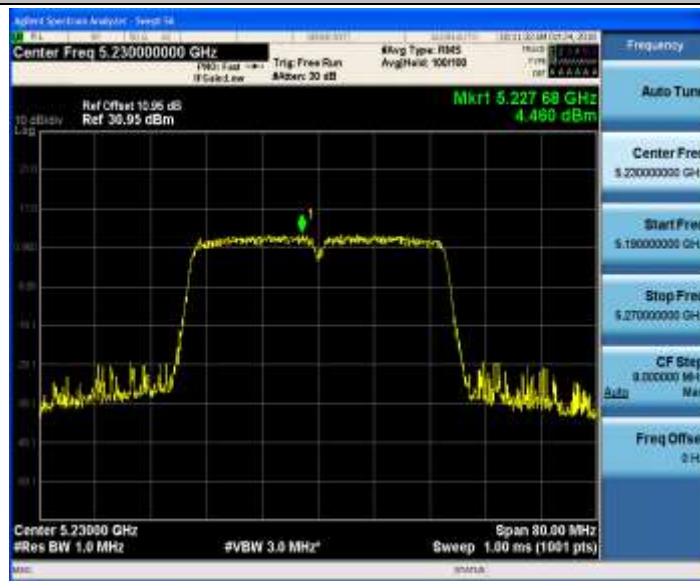


11N40SISO\_Ant1\_5190





11N40SISO\_Ant1\_5230



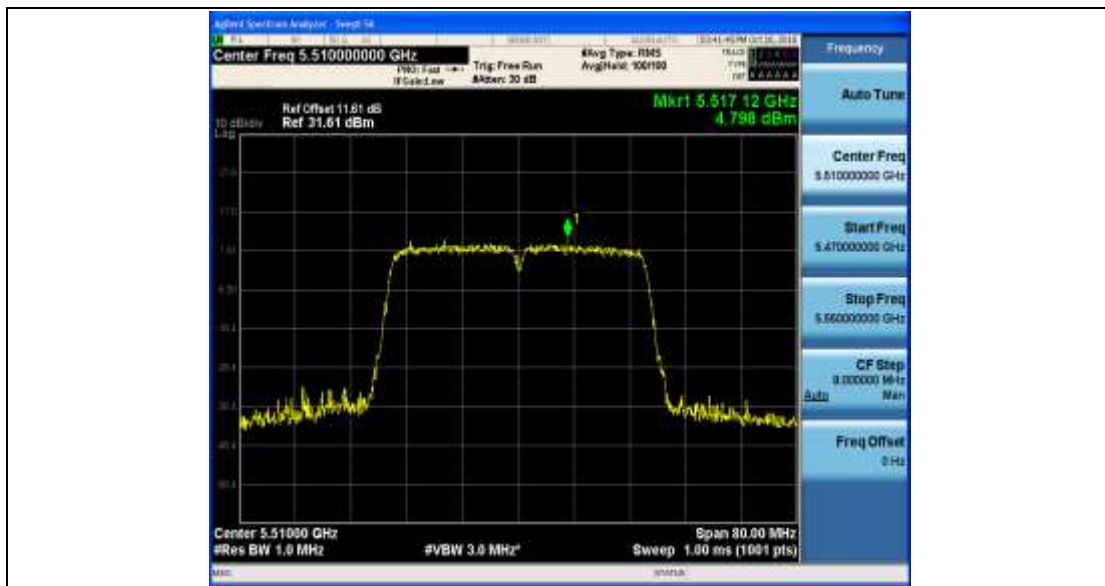
11N40SISO\_Ant1\_5270



11N40SISO\_Ant1\_5310



11N40SISO\_Ant1\_5510



11N40SISO\_Ant1\_5550



11N40SISO\_Ant1\_5670



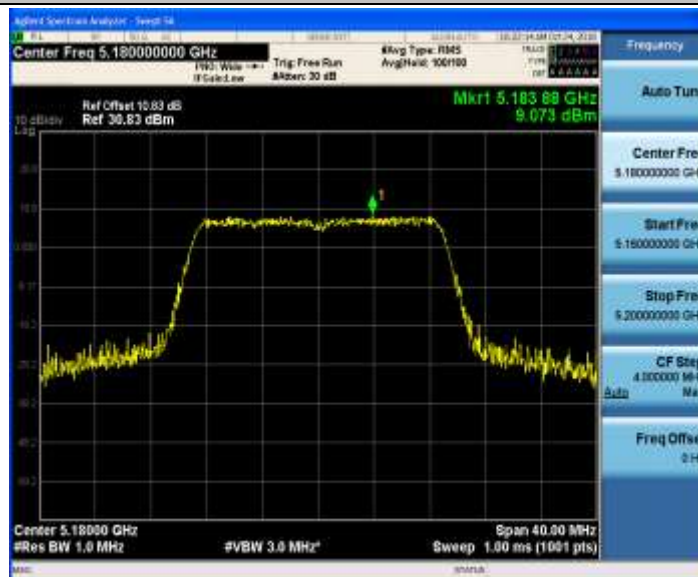
11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5180



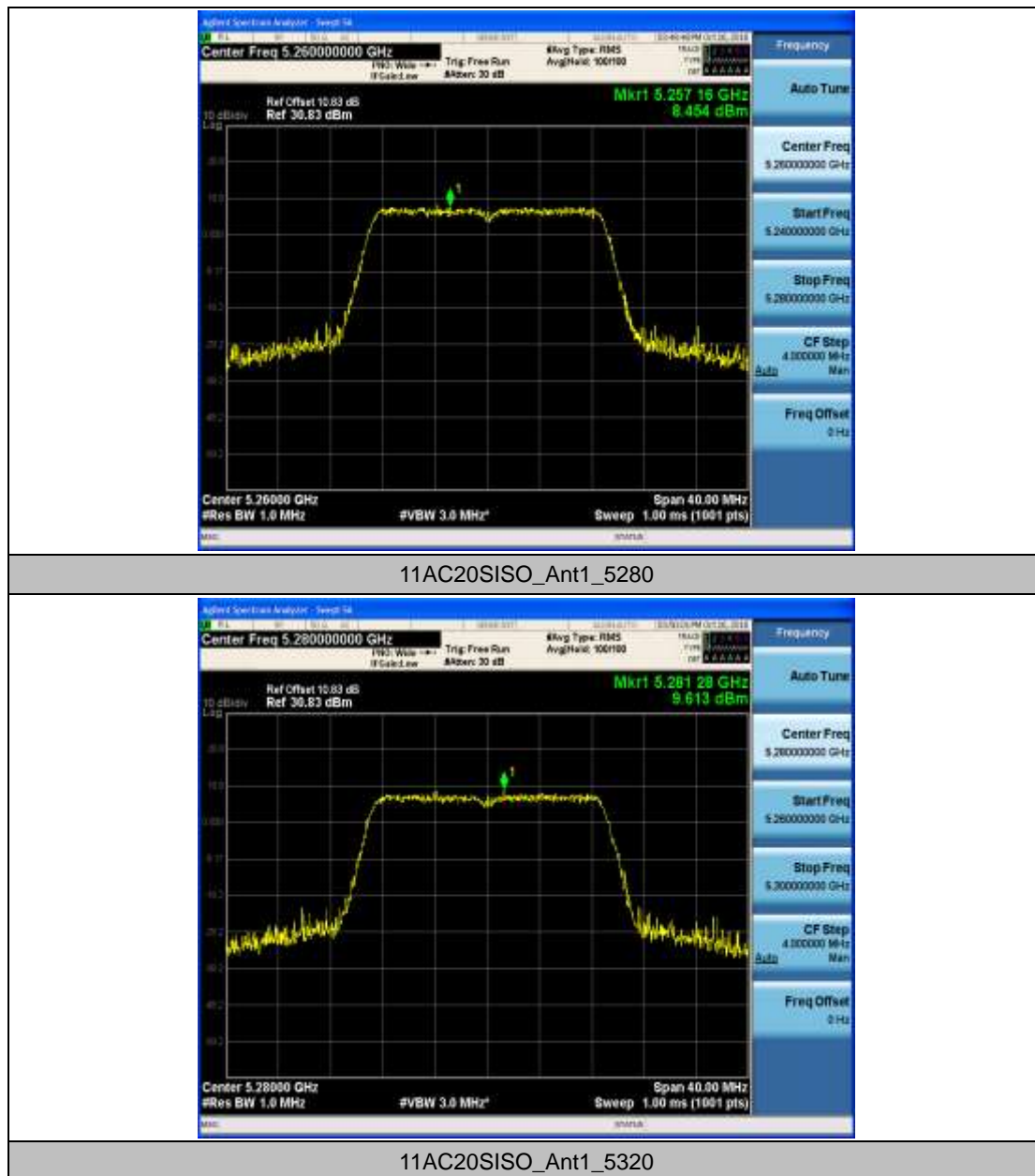
11AC20SISO\_Ant1\_5200



11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5260



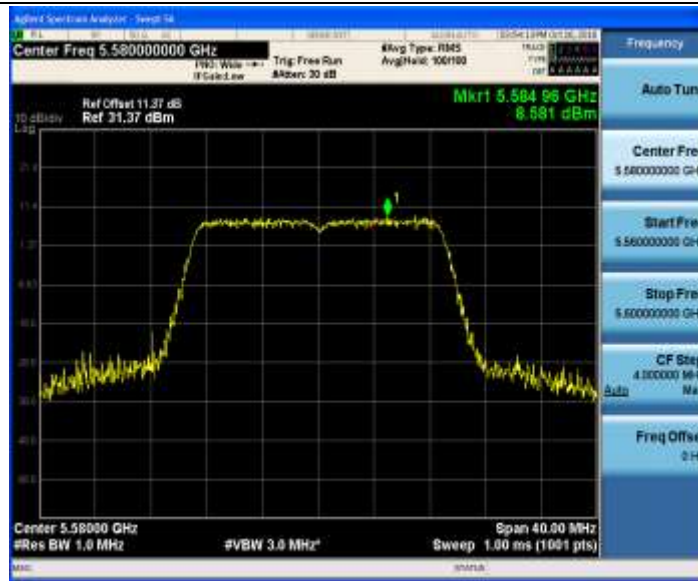


11AC20SISO\_Ant1\_5500



11AC20SISO\_Ant1\_5580





11AC20SISO\_Ant1\_5700



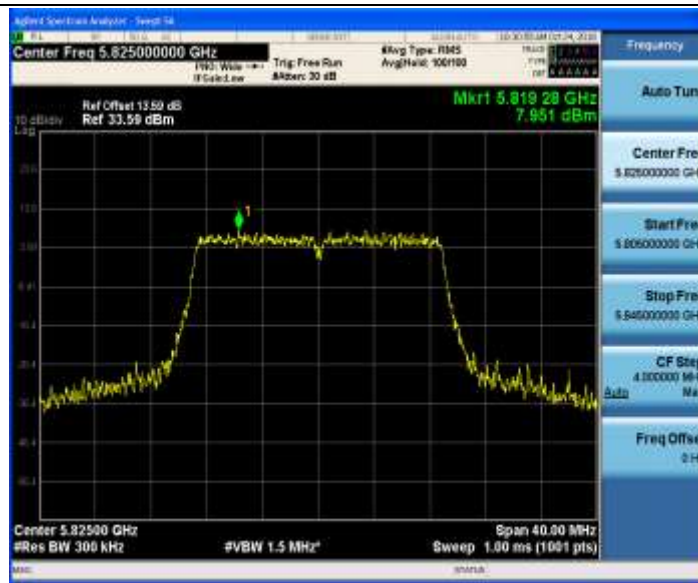
11AC20SISO\_Ant1\_5745



11AC20SISO\_Ant1\_5785



11AC20SISO\_Ant1\_5825



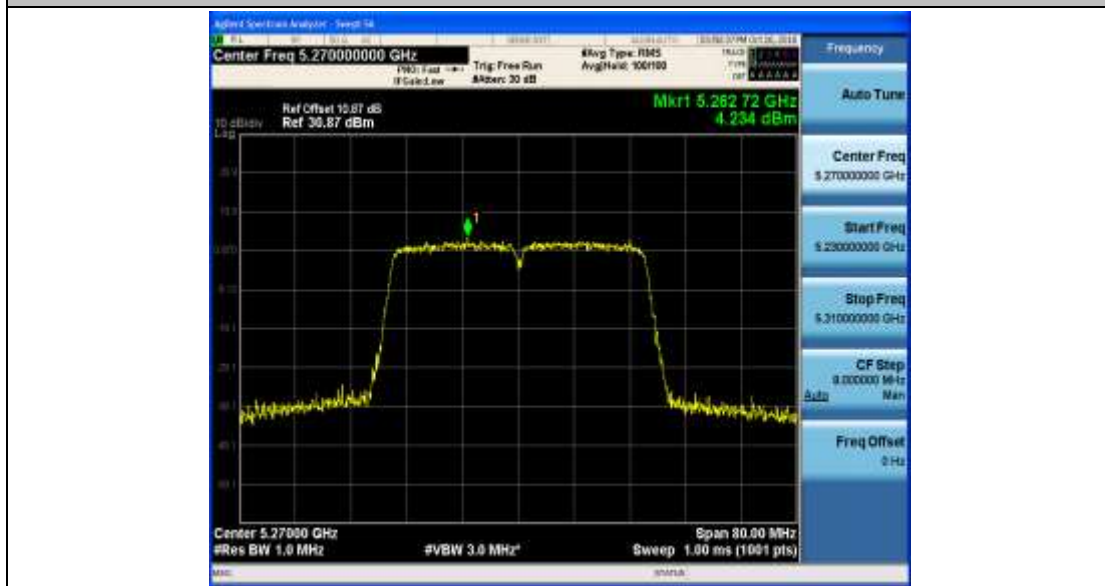
11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant1\_5230



11AC40SISO\_Ant1\_5270



11AC40SISO\_Ant1\_5310



11AC40SISO\_Ant1\_5510



11AC40SISO\_Ant1\_5550



11AC40SISO\_Ant1\_5670



11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5210



11AC80SISO\_Ant1\_5290



11AC80SISO\_Ant1\_5530





11AC80SISO\_Ant1\_5610



11AC80SISO\_Ant1\_5775





## Appendix F: Frequency Stability

### Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5825	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	15000	2.575107	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	0	0	20	PASS
			NV	-20	15000	2.895753	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	-15000	-2.895753	20	PASS
			NV	20	0	0	20	PASS
			NV	30	15000	2.895753	20	PASS
			NV	40	0	0	20	PASS
		5825	NV	50	0	0	20	PASS
			NV	-30	0	0	20	PASS
			NV	-20	-15000	-2.575107	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	15000	2.575107	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-15000	-2.575107	20	PASS
			NV	50	0	0	20	PASS

END